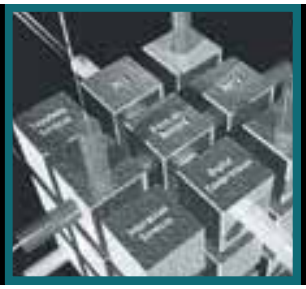
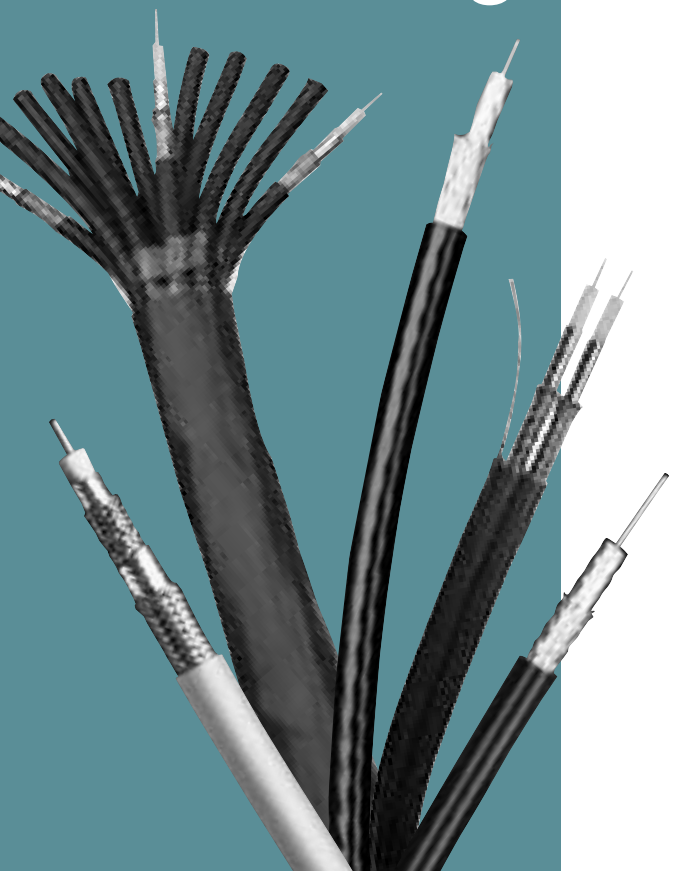
Belden



6 Coaxial Cables



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Please refer to "Terms of Use of Master Catalog" on page 16.30.

Introduction

Compare Belden® Coaxial cables and the companies who produce them and you will discover the obvious: Belden has no equal. That's because Belden Coaxial cables are time-tested for performance. Performance that guarantees outstanding value. Belden guarantees this level of performance because every cable is tested with equipment that simulates every known environmental and electrical performance condition. As a result, Belden Coaxial cable can be counted on for positive, reliable and trouble-free operation.

Belden Coaxial cables are engineered in a wide selection of sizes and materials, with each offering the benefits needed for physical, electrical and cost-requirement applications. Cable choices include broadband, standard analog, precision video for analog and digital, bundled RGB, high-flex SVHS, video triax, conformable coax and more.

Most of our Coax cables are available from stock. Many of these are available off the shelf from distributors. If you have a new or unusual application or you cannot find a Coax cable in this catalog section that meets your technical requirements, contact Technical Support at 1-800-BELDEN-1.

Coax Cable Shielding

Belden's line of coaxial cable features a wide range of shielding configurations. Among the options are:

Duofoil®

Duofoil is a shield in which metallic foil is applied to both sides of a supporting polyester or polypropylene film.

Duobond®

Duobond is essentially the same construction as Duofoil (a laminated shielding tape consisting of aluminum foil/plastic film/aluminum foil), but with an extra layer of heat-sensitive adhesive bonding the foil shield to the dielectric core. This foil shield provides 100% coverage and insures maximum shield protection.

Duobond II (Foil/Braid)

Combines all the features of Duobond with an outer braid applied for greater protection against interference and to increase the overall tensile strength.

Duobond III (Tri-Shield)

Duobond III utilizes the Duobond II design (foil/braid) plus an additional surrounding layer of Duofoil. This extra layer of foil improves shield reliability and provides an additional interference barrier.

Duobond IV (Quad Shield)

Duobond IV adds a second layer of braid to the Tri-Shield design (foil/braid/foil/braid). This extra layer of braid shield provides improved strength and durability.

Duobond Plus®

Features the same foil/braid/foil construction as Duobond II but with the addition of a shorting fold in the outermost foil. This fold prevents a slot opening from being created in the shield, thereby preventing signal egress or ingress. This unique feature creates the effect of a solid metal conduit, which improves the high-frequency performance of the cable. (See the Technical Information section of this catalog, page 16.88, for a more detailed explanation of "shorting folds.")

Coax Cable Packaging

As with most Belden cables, several Coax cable products are available in Belden's UnReel® cardboard dispenser. The UnReel is a unique packaging dispensing system developed by Belden to save time, cut costs and labor, and eliminate the need for dereeling equipment. Lightweight and more economical than conventional drums or reels, UnReel dispensers have pre-punched handles for easy, individual transport as well as rectangular boxes for easy pallet delivery and storage. UnReel cable pays out smoothly and evenly with no kinking, twisting, or backlashing. It also rolls out 60% faster than conventionally packaged cable.

Corresponding Literature

Technical Bulletins

TB-65: *Digital Studio Cable Guide*

Product Bulletins

NP 182: *Belden Expands Line of Low Loss 50 Ohm RF Transmission Cable*

NP 183: *Belden Introduces Flexible Brilliance® 1505F Precision Digital Video Coaxial Cable*

RG Coaxial and Triaxial Reference Guide

DS-3 and DS-4 Interconnect and Cross-Connect Cables and Low Loss 50 Ohm Wireless RF Transmission Cables

Cable Designation	Part No.	Page No.	Spec. Reference	Conductor Stranding/ Dia. & Type* (DCR/1000 Ft.)	Insulation Material (OD in.)	Shield Type Tape/Braid (DCR/1000 Ft.)	Jacket Material (OD in.)	Nom. Weight (Lbs./Ft.)	Nom. Imp. (Ω)	Nom. Cap. (pF/Ft.)	Suggested Operating Temp. Range (°C) Non UL	Max. Oper. Voltage (RMS) Non UL
DS-3 and DS-4 Interconnect and Cross-connect Cable												
728A Type	**9231**	6.42	Belden	1/.031″ BC (9.9)	PE (.198)	Inner None/98% SPC (187.0) Outer None/95% BC (2.1)	PVC-NC (.305)	.071	75	21.0	-40 to +60	1900
734A Type DS3-4	**734A1**	6.55	Belden	1/.032″ BC (10.0)	GIFPE (.148)	BF/85% TC (2.4)	PVC (.235)	.031	75	16.8	-40 to +75	300
734A Type DS3-4 Bundled 12-Coax	**734A12**	6.55	Belden	1/.032″ BC (10.0)	GIFPE (.148)	BF/85% TC (2.4)	PVC (1.026)	.635	75	16.8	-40 to +75	300
734A Type DS3-4 Plenum	**734A1P**	6.55	Belden	1/.032″ BC (10.0)	FFEP (.148)	BF/85% TC (2.4)	FLM (.215)	.037	75	17.3	-0 to +75	300
734A Type DS3-4 Bundled 6-Coax	**734A6**	6.55	Belden	1/.032″ BC (10.0)	GIFPE (.148)	BF/85% TC (2.4)	PVC (.772)	.465	75	16.8	-40 to +75	300
734D Type DS3-4	**734D1**	6.55	Belden	1/.032″ SPC (10.0)	GIFPE (.148)	BF/85% TC (2.4)	PVC (.235)	.031	75	16.8	-40 to +75	300
734D Type DS3-4 Bundled 12-Coax	**734D12**	6.55	Belden	1/.032″ SPC (10.0)	GIFPE (.148)	BF/85% TC (2.4)	PVC (1.026)	.635	75	16.8	-40 to +75	300
734D Type DS3-4 Plenum	**734D1P**	6.55	Belden	1/.032″ SPC (10.0)	FFEP (.148)	BF/85% TC (2.4)	FLM (.215)	.037	75	17.3	-0 to +75	300
734D Type DS3-4 1-Coax with Tracer	**734D1T**	6.55	Belden	1/.032″ SPC (10.0)	GIFPE (.148)	BF/85% TC (2.4)	PVC (.235 x .309)	.032	75	16.8	-40 to +75	300
734D Type DS3-4 Dual Coax	**734D2**	6.55	Belden	1/.032″ SPC (10.0)	GIFPE (.148)	BF/85% TC (2.4)	PVC (.235 x .470)	.063	75	16.8	-40 to +75	300
734D Type DS3-4 2-Coax with Tracer	**734D2T**	6.55	Belden	1/.032″ SPC (10.0)	GIFPE (.148)	BF/85% TC (2.4)	PVC (.235 x .550)	.064	75	16.8	-40 to +75	300
734D Type DS3-4 Bundled 6-Coax	**734D6**	6.55	Belden	1/.032″ SPC (10.0)	GIFPE (.148)	BF/85% TC (2.4)	PVC (.772)	.465	75	16.8	-40 to +75	300
735A Type DS3-4	**735A1**	6.54	Belden	1/.0159″ SPC (41.0)	FPE (.077)	BF/93% TC (5.3)	PVC (.129)	.011	75	17.7	-40 to +75	300
735A Type DS3-4 Bundled 12-Coax	**735A12**	6.54	Belden	1/.0159″ SPC (41.0)	FPE (.077)	BF/93% TC (5.3)	PVC (.581)	.165	75	17.7	-40 to +75	300
735A Type DS3-4 Bundled 16-Coax	**735A16**	6.54	Belden	1/.0159″ SPC (41.0)	FPE (.077)	BF/93% TC (5.3)	PVC (.636)	.230	75	17.7	-40 to +75	300
735A Type DS3-4 Plenum	**735A1P**	6.54	Belden	1/.0159″ SPC (41.0)	FFEP (.077)	BF/93% TC (5.3)	FLM (.129)	.018	75	17.5	-0 to +75	300
735A Type DS3-4 1-Coax with Tracer	**735A1T**	6.54	Belden	1/.0159″ SPC (41.0)	FPE (.077)	BF/93% TC (5.3)	PVC (.129 x .203)	.013	75	17.7	-40 to +75	300
735A Type DS3-4 Dual Coax	**735A2**	6.54	Belden	1/.0159″ SPC (41.0)	FPE (.077)	BF/93% TC (5.3)	PVC (.129 x .258)	.022	75	17.7	-40 to +75	300
735A Type DS3-4 Bundled 24-Coax	**735A24**	6.54	Belden	1/.0159″ SPC (41.0)	FPE (.077)	BF/93% TC (5.3)	PVC (.870)	.360	75	17.7	-40 to +75	300
735A Type DS3-4 2-Coax with Tracer	**735A2T**	6.54	Belden	1/.0159″ SPC (41.0)	FPE (.077)	BF/93% TC (5.3)	PVC (.129 x .332)	.025	75	17.7	-40 to +75	300
735A Type DS3-4 Bundled 3-Coax	**735A3**	6.54	Belden	1/.0159″ SPC (41.0)	FPE (.077)	BF/93% TC (5.3)	PVC (.309)	.045	75	17.7	-40 to +75	300
735A Type DS3-4 Bundled 6-Coax	**735A6**	6.54	Belden	1/.0159″ SPC (41.0)	FPE (.077)	BF/93% TC (5.3)	PVC (.399)	.085	75	17.7	-40 to +75	300
735A Type DS3-4 Bundled 8-Coax	**735A8**	6.54	Belden	1/.0159″ SPC (41.0)	FPE (.077)	BF/93% TC (5.3)	PVC (.447)	.011	75	17.7	-40 to +75	300
735A Type DS3-4 Bundled 9-Coax	**735A9**	6.54	Belden	1/.0159″ SPC (41.0)	FPE (.077)	BF/93% TC (5.3)	PVC (.484)	.124	75	17.7	-40 to +75	300
Low Loss 50 Ohm Wireless RF Transmission Cables												
RF300	**7809A**	6.60	Belden	1/.072″ BC (2.0)	GIFPE (.190)	DB/95% TC (2.7)	PE (.300)	.055	50	23.0	-40 to +80	300
RF300R Riser	**7809R**	6.60	Belden	1/.072″ BC (2.0)	GIFPE (.190)	DB/95% TC (2.7)	PVC (.300)	.065	50	23.0	-40 to +80	300
RF300WB Burial	**7809WB**	6.60	Belden	1/.072″ BC (2.0)	GIFPE (.190)	DB/95% TC (2.7)	PE (.300)	.055	50	23.0	-40 to +80	300

*Inner conductors are entered as: number of strands/strand diameter (in inches).

See page 6.15 for key to abbreviations used in this table.

RG Coaxial and Triaxial Reference Guide

Low Loss 50 Ohm Wireless RF Transmission Cables
and Microwave Conformable® Coax

Cable Designation	Part No.	Page No.	Spec. Reference	Conductor Stranding/ Dia. & Type* (DCR/1000 Ft.)	Insulation Material (OD in.)	Shield Type Tape/Braid (DCR/1000 Ft.)	Jacket Material (OD in.)	Nom. Weight (Lbs./Ft.)	Nom. Imp. (Ω)	Nom. Cap. (pF/Ft.)	Suggested Operating Temp. Range (°C) Non UL	Max. Oper. Voltage (RMS) Non UL
Low Loss 50 Ohm Wireless RF Transmission Cables *(continued)*												
RG-174/U Type RF100	**7805**	6.57	Belden	1/.018″ BC (32.0)	PE (.061)	DF/90% TC (9.1)	PVC (.110)	.010	50	31.2	-40 to +80	1100
RG-174/U Type RF 100 Low Loss	**7805R**	6.57	Belden	1/.0195″ BC (27.3)	FPE (.060)	DF/90% TC (9.4)	PVC (.110)	.010	50	26.2	-40 to +80	300
RG-58/U Type RF195	**7806A**	6.58	Belden	1/.037″ BC (7.6)	GIFPE (.110)	DF/90% TC (4.2)	PE (.195)	.024	50	24.3	-40 to +80	300
RG-58/U Type RF195 Riser	**7806R**	6.58	Belden	1/.037″ BC (7.6)	GIFPE (.110)	DF/90% TC (4.2)	PVC (.195)	.026	50	24.3	-40 to +80	300
RG-58/U Type RF200	**7807A**	6.58	Belden	1/.044″ BC (3.3)	GIFPE (.116)	DF/95% TC (4.2)	PE (.195)	.025	50	23.5	-40 to +80	300
RG-58/U Type RF200 Riser	**7807R**	6.58	Belden	1/.044″ BC (3.3)	GIFPE (.116)	DF/95% TC (4.2)	PVC (.195)	.028	50	23.5	-40 to +80	300
RG-8/X Type RF240	**7808A**	6.59	Belden	1/.057″ BC (3.2)	GIFPE (.150)	DB/95% TC (3.5)	PE (.240)	.037	50	23.0	-40 to +80	300
RG-8/X Type RF240 Riser	**7808R**	6.59	Belden	1/.057″ BC (3.2)	GIFPE (.150)	DB/95% TC (3.5)	PVC (.240)	.041	50	23.0	-40 to +80	300
RG-8/X Type RF240 Burial	**7808WB**	6.59	Belden	1/.057″ BC (3.2)	GIFPE (.150)	DB/95% TC (3.5)	PE (.240)	.037	50	23.0	-40 to +80	300
RF300	**7809A**	6.60	Belden	1/.072″ BC (2.0)	GIFPE (.190)	DB/95% TC (2.7)	PE (.300)	.055	50	23.0	-40 to +80	300
RF300R Riser	**7809R**	6.60	Belden	1/.072″ BC (2.0)	GIFPE (.190)	DB/95% TC (2.7)	PVC (.300)	.065	50	23.0	-40 to +80	300
RF300WB Burial	**7809WB**	6.60	Belden	1/.072″ BC (2.0)	GIFPE (.190)	DB/95% TC (2.7)	PE (.300)	.055	50	23.0	-40 to +80	300
RG-8/U Type RF400	**7810A**	6.61	Belden	1/.108″ BCCA (1.3)	GIFPE (.285)	DB/95% TC (1.8)	PE (.405)	.078	50	23.0	-40 to +80	300
RG-8/U Type RF400 Riser	**7810R**	6.61	Belden	1/.108″ BCCA (1.3)	GIFPE (.285)	DB/95% TC (1.8)	PVC (.405)	.090	50	23.0	-40 to +80	300
RG-8/U Type RF400 Burial	**7810WB**	6.61	Belden	1/.108″ BCCA (1.3)	GIFPE (.285)	DB/95% TC (1.8)	PE (.405)	.078	50	23.0	-40 to +80	300
Microwave Conformable Coax												
RG-401/U Type Conformable	**1675A**	6.69	Belden	1/.065″ SCCS (2.5)	TFE (.210)	Copper - Tin Composite	None (.246)	.081	50	29.5	-70 to +200	3000
RG-401/U Type Conformable	**1675J**	6.69	Belden	1/.065″ SCCS (2.5)	TFE (.210)	Copper - Tin Composite	PVC (.286)	.091	50	29.5	-40 to +105	3000
RG-402/U Type Conformable	**1673A**	6.69	Belden	1/.0365″ SCCS (20.5)	TFE (.116)	Copper-Tin Composite (4.5)	None (.138)	.025	50	29.5	-70 to +200	1,900
RG-402/U Type Conformable	**1673B**	6.69	Belden	1/.0362″ SPC (7.9)	TFE (.116)	Copper - Tin Composite	None (.138)	.025	50	29.5	-70 to +200	1900
RG-402/U Type Conformable Jacketed	**1673J**	6.69	Belden	1/.0365″ SCCS (20.5)	TFE (.116)	Copper - Tin Composite (4.5)	PVC (.178)	.031	50	29.5	-70 to +200	1,900
RG-405/U Type Conformable	**1671A**	6.68	Belden	1/.0201″ SCCS (64.2)	TFE (.062)	Copper-Tin Composite (10.2)	None (.085)	.012	50	29.5	-70 to +200	1,500
RG-405/U Type Conformable	**1671B**	6.68	Belden	1/.0201″ SPC (25.7)	TFE (.062)	Copper - Tin Composite	None (.085)	.012	50	29.5	-70 to +200	1500
RG-405/U Type Conformable Jacketed	**1671J**	6.68	Belden	1/.0201″ SCCS (64.2)	TFE (.062)	Copper - Tin Composite	PVC (.127)	.016	50	29.5	-70 to +200	1,500
M17-151 Type Conformable	**1674A**	6.68	Belden	1/.0113″ SCCS (205.0)	TFE (.084)	Copper - Tin Composite	None (.047)	.003	50	29.5	-70 to +200	1,000
M17-151 Type Conformable	**1674B**	6.68	Belden	1/.0113″ SPC (11.0)	TFE (.034)	Copper - Tin Composite	None (.047)	.003	50	29.5	-70 to +200	1000
75 Ohm Conformable	**1672A**	6.70	Belden	1/.0113″ SCCS (205.0)	TFE (.062)	Copper-Tin Composite (10.2)	None (.085)	.012	75	19.5	-70 to +200	500

*Inner conductors are entered as: number of strands/strand diameter (in inches).

See page 6.15 for key to abbreviations used in this table.

RG Coaxial and Triaxial Reference Guide

Microwave Conformable® Coax and RG-6 Type

Cable Designation	Part No.	Page No.	Spec. Reference	Conductor Stranding/ Dia. & Type* (DCR/1000 Ft.)	Insulation Material (OD in.)	Shield Type Tape/Braid (DCR/1000 Ft.)	Jacket Material (OD in.)	Nom. Weight (Lbs./Ft.)	Nom. Imp. (Ω)	Nom. Cap. (pF/Ft.)	Suggested Operating Temp. Range (°C) Non UL	Max. Oper. Voltage (RMS) Non UL
Microwave Conformable Coax *(continued)*												
75 Ohm Conformable	**1672B**	6.70	Belden	1/.0113″ SPC (11.0)	TFE (.062)	Copper - Tin Composite	None (.085)	.012	50	19.5	-40 to +105	500
75 Ohm Conformable Jacketed	**1672J**	6.70	Belden	1/.0113″ SCCS (205.0)	TFE (.062)	Copper - Tin Composite (10.2)	PVC (.127)	.016	75	19.5	-70 to +200	500
RG-6 Type												
RG-6/U Type Plenum	**1152A**	6.25	Belden, IBM P/N1501919	1/.040″ CCS (28.0)	FFEP (.170)	DF/60% TC DF/40% TC (1.8)	FEP (.273)	.048	75	16.5	-70 to +200	300
RG-6/U Type	**1189A**	6.24	Belden	1/.040″ CCS (28.0)	GIFPE (.180)	DBIV, 60% AL 40% AL (4.8)	PVC (.298)	.032	75	16.2	-40 to +80	300
RG-6/U Type Plenum	**1189AP**	6.24	Belden	1/.040″ CCS (28.0)	FFEP (.170)	DBIV/60% AL 40% AL (4.8)	FLM (.248)	.039	75	16.3	-20 to +75	300
RG-6/U Type Burial	**1190A**	6.25	Belden	1/.040″ CCS (28.0)	GIFPE (.180)	DBIV/60% AL 40% AL (4.8)	PE (.298)	.029	75	16.2	-55 to +80	300
RG-6/U Type Messengered	**1191AM**	6.24	Belden	1/.040″ CCS (28.0)	GIFPE (.180)	DBIV/60% AL 40% AL (4.8)	PVC (.298 x .433)	.040	75	16.2	-40 to +80	300
RG-6/U Type Messengered	**1258AM**	6.19	Belden	1/.040″ CCS (28.0)	GIFPE (.180)	DBII/60% AL (9.0)	PVC (.270 x .410)	.042	75	16.2	-40 to +80	300
RG-6/U Type Messengered	**1260AM**	6.23	Belden	1/.040″ CCS (28.0)	GIFPE (.180)	DB+/80% AL (4.6)	PVC (.275 x .416)	.042	75	16.2	-40 to +80	300
RG-6/U Type	**1530A**	6.20	Belden	1/.040″ CCS (28.0)	GIFPE (.180)	DBII/90% AL (5.0)	PVC (.270)	.029	75	16.2	-40 to +80	300
RG-6/U Type Plenum	**1530AP**	6.20	Belden	1/.040″ CCS (28.0)	FFEP (.170)	DBII/90% AL (5.0)	FLM (.235)	.027	75	16.3	-20 to +75	300
RG-6/U Type Messengered	**1531AM**	6.20	Belden	1/.040″ CCS (28.0)	GIFPE (.180)	DBII/90% AL (5.0)	PVC (.270 x .410)	.044	75	16.2	-40 to +80	300
RG-6/U Type Burial	**1532A**	6.20	Belden	1/.040″ CCS (28.0)	GIFPE (.180)	DBII/90% AL (5.0)	PE (.270)	.024	75	16.2	-55 to +80	300
RG-6/U Type	**1545A**	6.19	Belden	1/.040″ CCS (28.0)	GIFPE (.180)	DBII/60% AL (9.0)	PVC (.270)	.030	75	16.2	-40 to +80	300
RG-6/U Type	**1546A**	6.21	Belden	1/.040″ CCS (28.0)	GIFPE (.180)	DBIII/60% AL (6.5)	PVC (.275)	.029	75	16.2	-40 to +80	300
RG-6/U Type	**1613A**	6.22	Belden	1/.040″ CCS (28.0)	GIFPE (.180)	DBIII/80% AL (5.2)	PVC (.275)	.030	75	16.2	-40 to +80	300
RG-6/U Type Burial	**1614A**	6.22	Belden	1/.040″ CCS (28.0)	GIFPE (.180)	DBIII/80% AL (5.2)	PE (.275)	.024	75	16.2	-55 to +80	300
RG-6/U Type Messengered	**1615AM**	6.22	Belden	1/.040″ CCS (28.0)	GIFPE (.180)	DBIII/80% AL (5.2)	PVC (.275 x .416)	.043	75	16.2	-40 to +80	300
RG-6/U Type Messengered	**1616AM**	6.22	Belden	1/.040″ CCS (28.0)	GIFPE (.180)	DBIII/80% AL (5.2)	PVC (.275 x .416)	.043	75	16.2	-40 to +80	300
RG-6/U Type	**1621A**	6.24	Belden	1/.040″ CCS (28.0)	GIFPE (.180)	DB+/90% AL (3.7)	PVC (.275)	.030	75	16.2	-40 to +80	300
RG-6/U Type Digital Video	**1694A**	6.44	Belden	1/.040″ BC (6.4)	GIFPE (.180)	DF/95% TC (2.8)	PVC (.275)	.039	75	16.2	-40 to +80	300
RG-6/U Type Plenum	**1695A**	6.44	Belden	1/.040″ BC (6.4)	FFEP (.170)	DF/95% TC (2.8)	FLM (.234)	.033	75	16.2	-20 to +75	300
RG-6/U Type	**1829A**	6.31	Belden	1/.040″ CCS (28.0)	GIFPE (.180)	DBII/60% AL (9.0)	PVC (.270)	.028	75	16.2	-40 to +80	300
RG-6/U Type	**1829AC**	6.31	Belden	1/.040″ BC (6.4)	GIFPE (.180)	DBII/60% AL (9.0)	PVC (.270)	.028	75	16.2	-40 to +80	300
RG-6/U Type Burial	**1829B**	6.31	Belden	1/.040″ CCS (28.0)	GIFPE (.180)	DBII/60% AL (9.0)	PE (.270)	.024	75	16.2	-55 to +80	300
RG-6/U Type Burial	**1829BC**	6.31	Belden	1/.040″ BC (6.4)	GIFPE (.180)	DBII/60% AL (9.0)	PE (.270)	.024	75	16.2	-55 to +80	300

*Inner conductors are entered as: number of strands/strand diameter (in inches).

See page 6.15 for key to abbreviations used in this table.

RG Coaxial and Triaxial Reference Guide

RG-6 Type

Cable Designation	Part No.	Page No.	Spec. Reference	Conductor Stranding/ Dia. & Type* (DCR/1000 Ft.)	Insulation Material (OD in.)	Shield Type Tape/Braid (DCR/1000 Ft.)	Jacket Material (OD in.)	Nom. Weight (Lbs./Ft.)	Nom. Imp. (Ω)	Nom. Cap. (pF/Ft.)	Suggested Operating Temp. Range (°C) Non UL	Max. Oper. Voltage (RMS) Non UL
RG-6 Type *(continued)*												
RG-6/U Type Messengered	**1832AM**	6.20	Belden	1/.040″ CCS (28.0)	GIFPE (.180)	DBII/90% AL (5.0)	PVC (.270 x .410)	.042	75	16.2	-40 to +80	300
RG-6/U Type Burial	**1837A**	6.21	Belden	1/.040″ CCS (28.0)	GIFPE (.180)	DBIII/60% AL (6.5)	PE (.275)	.024	75	16.2	-55 to +80	300
RG-6/U Type Static Ground	**1839A**	6.32	Belden	1/.040″ CCS (28.0)	GIFPE (.180)	DBII/60% AL (9.0)	PVC (.270 x .405)	.040	75	16.2	-40 to +80	300
RG-6/U Type Static Ground	**1839AC**	6.32	Belden	1/.040″ BC (6.4)	GIFPE (.180)	DBII/60% AL (9.0)	PVC (.270 x .405)	.040	75	16.2	-40 to +80	300
RG-6/U Type Static Ground	**1840A**	6.32	Belden	2/.040″ CCS (28.0)	GIFPE (.180)	DBII/60% AL (9.0)	PVC (.273 x .703)	.069	75	16.2	-40 to +80	300
RG-6/U Type Static Ground	**1840AC**	6.32	Belden	2/.040″ BC (6.4)	GIFPE (.180)	DBII/60% AL (9.0)	PVC (.273 x .703)	.069	75	16.2	-40 to +80	300
RG-6/U Type	**1841A**	6.32	Belden	2/.040″ BC (28.0)	GIFPE (.180)	DBII/60% AL (9.0)	PVC (.273 x .595)	.058	75	16.2	-40 to +80	300
RG-6/U Type	**1841AC**	6.32	Belden	2/.040″ BC (6.4)	GIFPE (.180)	DBII/60% AL (9.0)	PVC (.273 x .595)	.058	75	16.2	-40 to +80	300
RG-6/U Type Burial	**1843A**	6.33	Belden	1/.040″ CCS (28.0)	GIFPE (.180)	DBII/60% AL (9.0)	PE (.273 x .750)	.052	75	16.2	-55 to +80	300
RG-6/U Type	**1884A**	6.24	Belden	1/.040″ CCS (28.0)	GIFPE (.180)	DBIV/60% AL 40% AL (4.8)	PVC (.298)	.035	75	16.2	-40 to +80	300
RG-6/U Type	**3131A**	6.80	Belden	1/.040″ CCS (28.0)	FPE (.180)	DBIV/60% AL 40% AL (3.6)	PVC (.298)	.041	75	16.2	-30 to +75	350
RG-6/U Type	**3132A**	6.80	Belden	1/.040″ CCS (28.0)	FFPE (.170)	DBIV/60% AL 40% AL (3.6)	FCP (.274)	.036	75	16.3	-20 to +150	300
RG-6/U Type	**7915A**	6.33	Belden	1/.040″ BC (6.4)	GIFPE (.180)	DB+/80% AL (4.6)	PVC (.275)	.029	75	16.2	-40 to +80	300
RG-6/U Type	**7916A**	6.33	Belden	1/.040″ BC (6.4)	GIFPE (.180)	DBIV/60% AL 40% AL (4.8)	PVC (.298)	.032	75	16.2	-40 to +80	300
RG-6A/U Type	**8215**	6.38	Belden	1/.028″ CCS (32.0)	PE (.185)	None/96% BC None/95% BC (1.1)	PE (.332)	.069	75	20.5	-55 to +80	2,700
RG-6/U Type	**9058**	6.23	Belden	1/.040″ CCS (28.0)	GIFPE (.180)	DB+/80% AL (4.6)	PVC (.275)	.029	75	16.2	-40 to +80	300
RG-6/U Type Messengered	**9059AM**	6.23	Belden	1/.040″ CCS (28.0)	GIFPE (.180)	DB+/80% AL (4.6)	PVC (.275 x .416)	.042	75	16.2	-40 to +80	300
RG-6/U Type Burial	**9062**	6.23	Belden	1/.040″ CCS (28.0)	GIFPE (.180)	DB+/80% AL (4.6)	PE (.275)	.023	75	16.2	-55 to +80	300
RG-6/U Type Burial	**9066**	6.19	Belden	1/.040″ CCS (28.0)	GIFPE (.180)	DBII/60% AL (9.0)	PE (.270)	.026	75	16.2	-55 to +80	300
RG-6/U Type	**9072**	6.23	Belden	2/.040″ CCS (28.0)	GIFPE (.180)	DB+/80% AL (4.6)	PVC (.280 x .605)	.061	75	16.2	-40 to +80	300
RG-6/U Type	**9077**	6.19	Belden	2/.040″ CCS (28.0)	GIFPE (.180)	DBII/60% AL (9.0)	PVC (.270 x .590)	.057	75	16.2	-40 to +80	300
RG-6/U Type	**9116**	6.19	Belden	1/.040″ CCS (28.0)	GIFPE (.180)	DBII/60% AL (9.0)	PVC (.270)	.030	75	16.2	-40 to +80	300
RG-6/U Type	**9116N**	6.19	Belden	1/.040″ CCS (28.0)	GIFPE (.180)	DBII/60% AL (9.0)	PVC (.270)	.030	75	16.2	-40 to +80	300
RG-6/U Type Plenum	**9116P**	6.19	Belden	1/.040″ CCS (28.0)	FFEP (.170)	DBII/60% AL (9.0)	FLM (.235)	.025	75	16.3	-20 to +75	300
RG-6/U Type Riser	**9116R**	6.19	Belden	1/.040″ CCS (28.0)	GIFPE (.180)	DBII/60% AL (9.0)	PVC (.270)	.030	75	16.2	-30 to +75	300
RG-6/U Type Messengered	**9117M**	6.19	Belden	1/.040″ CCS (28.0)	GIFPE (.180)	DBII/60% AL (9.0)	PVC (.270 x .410)	.042	75	16.2	-40 to +80	300
RG-6/U Type	**9118**	6.21	Belden	1/.040″ CCS (28.0)	GIFPE (.180)	DBII/60% AL (6.5)	PVC (.275)	.026	75	16.2	-40 to +80	300

*Inner conductors are entered as: number of strands/strand diameter (in inches).

See page 6.15 for key to abbreviations used in this table.

RG Coaxial and Triaxial Reference Guide

RG-6 and RG-8 Types

Cable Designation	Part No.	Page No.	Spec. Reference	Conductor Stranding/ Dia. & Type* (DCR/1000 Ft.)	Insulation Material (OD in.)	Shield Type Tape/Braid (DCR/1000 Ft.)	Jacket Material (OD in.)	Nom. Weight (Lbs./Ft.)	Nom. Imp. (Ω)	Nom. Cap. (pF/Ft.)	Suggested Operating Temp. Range (°C) Non UL	Max. Oper. Voltage (RMS) Non UL
RG-6 Type *(continued)*												
RG-6/U Type Messengered	**9119M**	6.21	Belden	1/.040″ CCS (28.0)	GIFPE (.180)	DBIII/60% AL (5.0)	PVC (.275 x .416)	.042	75	16.2	-40 to +80	300
RG-6/U Type	**9248**	6.38	Belden	1/.040″ BC (6.4)	GIFPE (.180)	DF/61% TC (5.0)	PVC (.270)	.031	75	16.2	-40 to +80	300
RG-6/U Type	**9290**	6.38	Belden	1/.037″ BC (0.1)	FPE (.180)	None/95% BC None/95% BC (2.0)	PVC (.288)	.054	75	17.3	-40 to +80	300
RG-6/U Type Plenum	**82120**	6.25	Belden	1/.040″ CCS (28.0)	FFEP (.170)	DF/95% TC (1.7)	FLM (.234)	.044	75	16.5	-20 to +75	300
RG-6/U Type Plenum	**82248**	6.38	Belden	1/.040″ BC (7.5)	FFEP (.170)	DF/63% TC (5.1)	FLM (.226)	.030	75	16.5	-20 to +75	300
RG-6/U Type Plenum	**87120**	6.25	Belden	1/.040″ CCS (28.0)	FFEP (.170)	DF/95% TC (1.7)	FCP (.234)	.043	75	16.5	-20 to +150	300
RG-6/U Type Plenum	**89120**	6.25	Belden	1/.040″ CCS (28.0)	FFEP (.170)	DF/95% TC (1.7)	FEP (.234)	.044	75	16.5	-70 to +200	300
RG-6/U Type Plenum	**89248**	6.38	Belden	1/.040″ BC (7.5)	FFEP (.170)	DF/63% TC (5.1)	FEP (.222)	.032	75	16.5	-70 to +200	300
RG-8 Type												
RG-8/U Type	**7733A**	6.66	Belden	1/.108″ BC (0.9)	FFEP (.280)	DF/90% TC (1.8)	FCP (.355)	.100	50	24.2	-20 to +150	300
RG-8/X Type RF240	**7808A**	6.59	Belden	1/.057″ BC (3.2)	GIFPE (.150)	DB/95% TC (3.5)	PE (.240)	.037	50	23.0	-40 to +80	300
RG-8/X Type RF240 Riser	**7808R**	6.59	Belden	1/.057″ BC (3.2)	GIFPE (.150)	DB/95% TC (3.5)	PVC (.240)	.041	50	23.0	-40 to +80	300
RG-8/X Type RF240 Burial	**7808WB**	6.59	Belden	1/.057″ BC (3.2)	GIFPE (.150)	DB/95% TC (3.5)	PE (.240)	.037	50	23.0	-40 to +80	300
RG-8/U Type RF400	**7810A**	6.61	Belden	1/.108″ BCCA (1.3)	GIFPE (.285)	DB/95% TC (1.8)	PE (.405)	.078	50	23.0	-40 to +80	300
RG-8/U Type RF400 Riser	**7810R**	6.61	Belden	1/.108″ BCCA (1.3)	GIFPE (.285)	DB/95% TC (1.8)	PVC (.405)	.090	50	23.0	-40 to +80	300
RG-8/U Type RF400 Burial	**7810WB**	6.61	Belden	1/.108″ BCCA (1.3)	GIFPE (.285)	DB/95% TC (1.8)	PE (.405)	.078	50	23.0	-40 to +80	300
RG-8/U Type	**8214**	6.65	Belden	7/.108″ BC (1.2)	FRFPE (.285)	None/97% BC (1.1)	PVC (.403)	.101	50	26.0	-40 to +80	300
RG-8/U Type	**8237**	6.65	JAN-C-17A	7/.085″ BC (1.9)	PE (.285)	None/97% BC (1.1)	PVC (.405)	.101	52	28.5	-40 to +80	3,700
RG-8A/U Type	**9251**	6.65	MIL-C-17D	7/.085″ BC (1.9)	PE (.285)	None/97% BC (1.2)	PVC-NC (.405)	.099	52	29.5	-40 to +80	3,700
RG-8/X Type	**9258**	6.65	Belden	19/.058″ BC (4.3)	GIFPE (.155)	None/95% BC (3.3)	PVC (.242)	.037	50	24.8	-40 to +80	300
RG-8/U Type Thick Ethernets	**9880**	6.79	Belden, DEC PN17-00451-00	1/.0855″ BC (1.4)	FPE (.243)	DBIV/94% TC, 90% TC	PVC (.405)	.116	50	26.0	-40 to +60	300
RG-8/U Type Triaxial	**9888**	6.86	Belden	7/.036″ BC (1.2)	FPE (.285)	Inner None/97% BC (1.2) Outer None/80% BC (2.1)	Inner PE (.370) Outer PE (.480)	.130	50	26.0	-55 to +80	300
RG-8/U Type	**9913**	6.66	Belden	1/.108″ BC (0.9)	SSPE (.286)	DBII/90% TC (1.8)	PVC (.405)	.104	50	24.6	-40 to +80	300
RG-8/U Type	**9913F7**	6.66	Belden	7/.036″ BC (1.1)	GIFPE (.285)	DB/95% TC (1.1)	BELFLEX (.405)	.088	50	24.6	-40 to +80	3700
RG-8/U Type	**9914**	6.66	Belden	1/.103″ BC (1.2)	GIFPE (.285)	DBII/95% TC (1.1)	PVC (.403)	.104	50	24.8	-40 to +80	300
RG-8/U Type Thick Ethernet Plenum	**89880**	6.79	Belden, DEC PN17-00324-00	1/.0855″ BC (1.4)	FFEP (.245)	DBIV/90% TC, 90% TC	FCP (.375)	.126	50	26.0	-25 to +150	300
RG-8/U Type Plenum	**89913**	6.66	Belden	1/.108″ BC (0.9)	SSFEP (.295)	DBII/90%TC (1.8)	FCP (.364)	.114	50	25.0	-20 to +150	300

*Inner conductors are entered as: number of strands/strand diameter (in inches).

See page 6.15 for key to abbreviations used in this table.

RG Coaxial and Triaxial Reference Guide

RG/11U Type

Cable Designation	Part No.	Page No.	Spec. Reference	Conductor Stranding/ Dia. & Type* (DCR/1000 Ft.)	Insulation Material (OD in.)	Shield Type Tape/Braid (DCR/1000 Ft.)	Jacket Material (OD in.)	Nom. Weight (Lbs./Ft.)	Nom. Imp. (Ω)	Nom. Cap. (pF/Ft.)	Suggested Operating Temp. Range (°C) Non UL	Max. Oper. Voltage (RMS) Non UL
RG-11/U Type												
RG-11/U Type Plenum	**1153A**	6.28	Belden, IBM P/N1501908	1/.064″ CCS (11.0)	FFEP (.280)	DF/60% TC DF/40% TC (1.8)	FEP (.387)	.092	75	16.5	-70 to +200	300
RG-11/U Type	**1523A**	6.26	Belden	1/.064″ CCS (11.0)	GIFPE (.280)	DBII/60% AL (4.1)	PVC (.400)	.054	75	16.2	-40 to +80	300
RG-11/U Type	**1523AN**	6.26	Belden	1/.064″ CCS (11.0)	GIFPE (.280)	DBII/60% AL (4.1)	PVC (.400)	.054	75	16.2	-40 to +80	300
RG-11/U Type Plenum	**1523AP**	6.26	Belden	1/.064″ CCS (11.0)	FFEP (.274)	DBII/60% AL (4.1)	PVDF (.348)	.057	75	16.3	-20 to +150	300
RG-11/U Type Riser	**1523R**	6.26	Belden	1/.064″ CCS (11.0)	GIFPE (.280)	DBII/60% AL (4.1)	PVC (.400)	.054	75	16.2	-30 to +75	300
RG-11/U Type Messengered	**1524AM**	6.26	Belden	1/.064″ CCS (11.0)	GIFPE (.280)	DBII/60% AL (4.1)	PVC (.400 x .580)	.080	75	16.2	-40 to +80	300
RG-11/U Type Burial	**1525A**	6.26	Belden	1/.064″ CCS (11.0)	GIFPE (.280)	DBII/60% AL (4.1)	PE (.400)	.046	75	16.2	-55 to +80	300
RG-11/U Type	**1617A**	6.28	Belden	1/.064″ CCS (11.0)	GIFPE (.280)	DBIV/60% AL 40% AL (3.0)	PVC (.407)	.059	75	16.2	-40 to +80	300
RG-11/U Type	**1618A**	6.28	Belden	1/.064″ CCS (11.0)	GIFPE (.280)	DBIV/60% AL 40% AL (3.0)	PE (.407)	.053	75	16.2	-55 to +80	300
RG-11/U Type Messengered	**1619AM**	6.28	Belden	1/.064″ CCS (11.0)	GIFPE (.280)	DBIV/60% AL 40% AL (3.0)	PVC (.407 x .560)	.075	75	16.2	-40 to +80	300
RG-11/U Type Messengered	**1620AM**	6.28	Belden	1/.064″ CCS (11.0)	GIFPE (.280)	DBIV/60% AL 40% AL (3.0)	PVC (.407 x .560)	.078	75	16.2	-40 to +80	300
RG-11/U Type Triaxial High-Flex Version	**1858A**	6.52	Belden	19/.064″ BC (3.0)	FPE (.312)	Inner None/95% BC (1.2) Outer None/95% BC (1.4)	Inner PE (.405) Outer BELFX (.520)	.147	75	17.3	-50 to +80	300
RG-11/U Type Triaxial Plenum	**1859A**	6.52	Belden	19/.064″ BC (3.0)	FFEP (.285)	Inner None/95% (1.4) Outer None/87% (1.4)	Inner FCP (.350) Outer FCP (.406)	.128	75	16.5	-20 to +125	300
RG-11/U Type	**3094A**	6.80	Belden	1/.064″ CCS (11.0)	FPE (.280)	DBIV/60% AL 40% AL (1.8)	PVC (.407)	.062	75	16.2	-40 to +80	600
RG-11/U Type	**3095A**	6.81	Belden	1/.064″ CCS (11.0)	FFPE (.280)	DBIV/60% AL 40% AL (1.8)	FCP (.387)	.076	75	16.5	-20 to +150	300
RG-11/U Type	**7731A**	6.44	Belden	1/.064″ BC (2.5)	GIFPE (.280)	DF/95% TC (1.5)	PVC (.400)	.081	75	16.0	-40 to +75	300
RG-11/U Type Plenum	**7732A**	6.44	Belden	1/.064″ BC (2.5)	FFEP (.274)	DF/95% TC (2.5)	FCP (.348)	.075	75	16.3	-20 to +150	300
RG-11/U Type Triax Flooded	**7803A**	6.53	Belden	1/.064″ BC (2.5)	GIFPE (.285)	Inner None/95% BC (1.6) Outer None/95% BC (1.4)	Inner PE (.365) Outer PE (.475)	.112	75	16.1	-55 to +80	300
RG-11/U Type	**8213**	6.39	Belden	1/.064″ BC (2.5)	GIFPE (.285)	None/97% BC (1.1)	PE (.405)	.079	75	16.1	-55 to +80	300
RG-11/U Type Triaxial	**8233**	6.53	Belden	1/.064″ BC (2.5)	GIFPE (.285)	Inner None/95% BC (1.4) Outer None/80% BC (1.4)	Inner PE (.365) Outer PE (.475)	.113	75	16.1	-55 to +80	300

*Inner conductors are entered as: number of strands/strand diameter (in inches).

See page 6.15 for key to abbreviations used in this table.

RG Coaxial and Triaxial Reference Guide

RG/11U and RG-58 Types

Cable Designation	Part No.	Page No.	Spec. Reference	Conductor Stranding/ Dia. & Type* (DCR/1000 Ft.)	Insulation Material (OD in.)	Shield Type Tape/Braid (DCR/1000 Ft.)	Jacket Material (OD in.)	Nom. Weight (Lbs./Ft.)	Nom. Imp. (Ω)	Nom. Cap. (pF/Ft.)	Suggested Operating Temp. Range (°C) Non UL	Max. Oper. Voltage (RMS) Non UL
RG-11/U Type *(continued)*												
RG-11/U Type Triaxial	**8233A**	6.53	Belden	1/.064″ BC (2.5)	GIFPE (.285)	Inner None/95% BC (1.4) Outer None/80% BC (1.4)	Inner PVC (.365) Outer PVC (.475)	.113	75	16.1	-40 to +80	300
RG-11/U Type	**8238**	6.39	JAN-C-17A	7/.048″ TC (6.1)	FRSFPE (.285)	None/97% BC (1.2)	PVC (.405)	.099	75	20.5	-40 to +80	300
RG-11A/U Type	**8261**	6.39	MIL-C-17D	7/.048″ TC (6.1)	PE (.285)	None/97% BC (1.2)	PVC-NC (.405)	.090	75	20.5	-40 to +60	3,700
RG-11/U Type	**9011**	6.26	Belden	1/.064″ CCS (11.0)	GIFPE (.280)	DF/40% AL (5.3)	PVC (.400)	.060	75	16.2	-40 to +80	300
RG-11/U Type	**9064**	6.27	Belden	1/.064″ CCS (11.0)	GIFPE (.280)	DB+/77% AL (3.8)	PVC (.400)	.062	75	16.2	-40 to +80	300
RG-11/U Type Messengered	**9065M**	6.27	Belden	1/.064″ CCS (11.0)	GIFPE (.280)	DB+/77% AL (3.8)	PVC (.400 x .580)	.080	75	16.2	-40 to +80	300
RG-11/U Type Triaxial	**9192**	6.52	Belden	19/.064″ BC (3.3)	FPE (.312)	Inner None/90% BC (1.6) Outer None/82% BC (1.7)	Inner PE (.390) Outer PVC (.520)	.134	75	17.3	-40 to +80	300
RG-11/U QPL M17/6-RG11	**9212**	6.75	MIL-C-17G	7/.048″ TC (6.1)	PE (.285)	None/97% BC (1.2)	PVC-NC (.405)	.090	75	20.5	-40 to +85	3,700
RG-11/U Type Triaxial	**9232**	6.52	Belden	19/.064″ BC (3.0)	FPE (.312)	Inner None/90% BC (1.6) Outer None/82% BC (1.7)	Inner PE (.390) Outer H (.520)	.140	75	17.3	-20 to +80	300
RG-11/U Type	**9292**	6.39	Belden	1/.064″ BC (2.5)	FPE (.280)	DF/61% TC (2.8)	PVC (.405)	.077	75	18.1	-40 to +80	300
RG-11/U Type Burial	**9764**	6.27	Belden	1/.064″ CCS (11.0)	GIFPE (.280)	DB+/77% AL (3.8)	PE (.400)	.056	75	16.2	-55 to +80	300
RG-11/U Type Plenum	**89292**	6.39	Belden	1/.064″ BC (2.5)	FFEP (.274)	DF/63% TC (2.9)	FEP (.348)	.073	75	16.3	-70 to +200	300
RG-58 Type												
RG-58/U Type RF195	**7806A**	6.58	Belden	1/.037″ BC (7.6)	GIFPE (.110)	DF/90% TC (4.2)	PE (.195)	.024	50	24.3	-40 to +80	300
RG-58/U Type RF195 Riser	**7806R**	6.58	Belden	1/.037″ BC (7.6)	GIFPE (.110)	DF/90% TC (4.2)	PVC (.195)	.026	50	24.3	-40 to +80	300
RG-58/U Type RF200	**7807A**	6.58	Belden	1/.044″ BC (3.3)	GIFPE (.116)	DF/95% TC (4.2)	PE (.195)	.025	50	23.5	-40 to +80	300
RG-58/U Type RF200 Riser	**7807R**	6.58	Belden	1/.044″ BC (3.3)	GIFPE (.116)	DF/95% TC (4.2)	PVC (.195)	.028	50	23.5	-40 to +80	300
RG-58A/U Type	**8219**	6.64	Belden	19/.037″ TC (8.8)	FPE (.114)	None/96% TC (4.1)	PVC (.194)	.025	53	26.5	-40 to +80	300
RG-58/U	**8240**	6.64	JAN-C-17A	1/.033″ BC (10.0)	PE (.116)	None/95% TC (4.1)	PVC (.193)	.025	51	28.5	-40 to +80	1,400
RG-58A/U Type	**8259**	6.64	JAN-C-17A	19/.035″ TC (10.8)	PE (.116)	None/95% TC (4.1)	PVC (.192)	.024	50	30.8	-40 to +75	1,400
RG-58C/U QPL M17/155/U QPL	**8262**	6.73	MIL-C-17G	19/.035″ TC (10.8)	PE (.115)	None/95% TC (4.1)	PVC-NC (.195)	.026	50	30.8	-40 to +85	1,400
RG-58/U Type	**9201**	6.63	Belden	1/.033″ BC (10.0)	PE (.116)	None/78% BC (5.5)	PVC (.193)	.022	52	29.7	-40 to +80	1,400
RG-58/U QPL M17/28-RG058	**9203**	6.73	MIL-C-17G	19/.035″ TC (10.8)	PE (.116)	None/95% TC (4.1)	PVC-NC (.195)	.025	50	30.8	-40 to +85	1,400

*Inner conductors are entered as: number of strands/strand diameter (in inches).

See page 6.15 for key to abbreviations used in this table.

RG Coaxial and Triaxial Reference Guide

RG-58 and RG-59/U Types

Cable Designation	Part No.	Page No.	Spec. Reference	Conductor Stranding/ Dia. & Type* (DCR/1000 Ft.)	Insulation Material (OD in.)	Shield Type Tape/Braid (DCR/1000 Ft.)	Jacket Material (OD in.)	Nom. Weight (Lbs./Ft.)	Nom. Imp. (Ω)	Nom. Cap. (pF/Ft.)	Suggested Operating Temp. Range (°C) Non UL	Max. Oper. Voltage (RMS) Non UL
RG-58 Type *(continued)*												
RG-58A/U Type Triaxial	**9222**	6.86	Belden	7/.0126″ TC (9.5)	PE (.114)	Inner None/95% TC (4.7) Outer None/85% TC (4.3)	Inner PE (.175) Outer PVC (.240)	.037	50	30.8	-40 to +75	1,400
RG-58/U Type	**9223**	6.78	Belden	7/.030″ TC (10.8)	PE (.112)	DB/95% TC (4.1)	PVC (.195)	.026	50	37.0	-40 to +80	1,900
RG-58A/U Type	**9310**	6.63	Belden	1/.033″ BC (10.0)	PE (.114)	DBII/55% TC (14.0)	PVC (.193)	.020	50	30.8	-40 to +80	1,400
RG-58A/U Type	**9311**	6.64	Belden	19/.037″ TC (8.8)	FPE (.114)	DBII/55% TC (17.0)	PVC (.193)	.018	52	26.0	-40 to +80	300
RG-58/U Type Thin Ethernets	**9907**	6.79	DEC P/N 17-01248-00	19/.037″ TC (8.8)	FPE (.102)	DBII/93% TC (5.8)	PVC (.185)	.022	50	25.4	-40 to +75	300
RG-58/U Type Plenum	**82240**	6.64	Belden	1/.032″ BC (10.2)	FEP (.107)	None/95% TC (6.7)	FLM (.159)	.025	53	27.5	-20 to +75	1,400
RG-58/U Type Thin Ethernets Plenum	**82907**	6.79	Belden	19/.0375″ TC (8.8)	FFEP (.095)	DBII/94% TC (5.8)	FLM (.160)	.022	50	26.0	-20 to +75	300
RG-58/U Type Plenum	**88240**	6.64	Belden	1/.032″ BC (10.2)	FEP (.107)	None/95%TC (6.7)	FEP (.159)	.027	53.5	26.4	-70 to +200	1,400
RG-58/U Type Thin Ethernet Plenum	**89907**	6.79	DEC P/N 17-01246-00	19/.0375″ TC (8.8)	FFEP (.095)	DBII/94% TC (5.8)	FCP (.160)	.022	50	26.0	-20 to +150	300
RG-59/U Type												
RG-59/U Type Plenum	**1151A**	6.18	Belden, IBM P/N 1501917	1/.032″ CCS (26.0)	FFEP (.140)	DF/52% TC DF/34% TC (2.3)	FEP (.236)	.035	75	16.5	-70 to +200	300
RG-59/U Type	**1186A**	6.17	Belden	1/.032″ CCS (44.5)	GIFPE (.144)	DBIV/67% AL 40% AL (7.0)	PVC (.265)	.025	75	16.2	-40 to +80	300
RG-59/U Type	**1426A**	6.37	Belden	1/.032″ BC (10.0)	GIFPE (.145)	None/95% BC (2.6)	PVC (.242)	.038	75	16.3	-30 to +75	300
RG-59/U Type	**1505A**	6.29	Belden	1/.032″ BC (10.0)	GIFPE (.145)	DF/95% BC (3.18)	PVC (.234)	.036	75	16.3	-30 to +75	300
RG-59/U Type	**1505F**	6.29	Belden	7/.011″ BC (12.2)	GIFPE (.145)	None/94% BC (2.4) None/94% BC (2.4)	PVC (.242)	.040	75	17.0	-20 to +60	300
RG-59/U Type Plenum	**1506A**	6.42	Belden	1/.032″ BC (10.0)	FFEP (.133)	DF/95% TC (3.8)	FLM (.199)	.033	75	16.0	0 to +75	300
RG-59/U Type	**1830A**	6.31	Belden	1/.032″ CCS (44.5)	GIFPE (.144)	DBII/40% AL (17.0)	PVC (.237)	.021	75	16.2	-40 to +80	300
RG-59/U Type Triaxial	**1856A**	6.51	Belden	1/.032″ BC (10.6)	GIFPE (.145)	Inner None/95% BC (2.5) Outer None/95% BC (1.6)	Inner PE (.216) Outer BELFX (.360)	.076	75	16.2	-50 to +80	300
RG-59/U Type Triax	**1856B**	6.51	Belden	1/.032″ BC (10.1)	GIFPE (.145)	Inner None/95% BC (2.5) Outer None/95% BC (1.6)	Inner PVC (.216) Outer BELFX (.360)	.073	75	16.2	-35 to +75	300
RG-59/U Type Triaxial High-Flex Version	**1857A**	6.50	Belden	19/.031″ BC (14.0)	GIFPE (.143)	Inner None/95% BC (2.5) Outer None/90% BC (1.6)	Inner PE (.216) Outer BELFX (.360)	.076	75	17.0	-50 to +80	300

*Inner conductors are entered as: number of strands/strand diameter (in inches).

See page 6.15 for key to abbreviations used in this table.

RG Coaxial and Triaxial Reference Guide

RG-59/U Type

Cable Designation	Part No.	Page No.	Spec. Reference	Conductor Stranding/ Dia. & Type* (DCR/1000 Ft.)	Insulation Material (OD in.)	Shield Type Tape/Braid (DCR/1000 Ft.)	Jacket Material (OD in.)	Nom. Weight (Lbs./Ft.)	Nom. Imp. (Ω)	Nom. Cap. (pF/Ft.)	Suggested Operating Temp. Range (°C) Non UL	Max. Oper. Voltage (RMS) Non UL
RG-59/U Type *(continued)*												
RG-59/U Type	**7721A**	6.30	Belden	1/.032″ SPC (10.1)	GIFPE (.145)	DBII/95% TC (3.5)	PVC (.235 x .511)	.057	75	16.2	-0 to +80	300
RG-59/U Type	**8212**	6.37	Belden	1/.032″ CCS (44.5)	FPE (.143)	None/95% BC (2.6)	PE (.242)	.030	75	17.3	-55 to +80	300
RG-59/U Type	**8221**	6.36	Belden	1/.0253″ CCS (55.0)	FPE (.146)	None/95% BC (2.6)	PVC (.242)	.032	80	16.3	-40 to +75	300
RG-59/U Type Triaxial	**8232**	6.50	Belden	1/.032″ BC (10.0)	GIFPE (.145)	Inner None/95% BC (2.5) Outer None/80% BC (2.8)	Inner PE (.225) Outer PE (.315)	.053	75	16.3	-55 to +80	300
RG-59/U Type Triaxial	**8232A**	6.50	Belden	1/.032″ BC (10.0)	GIFPE (.145)	Inner None/96% BC (2.5) Outer None/80% BC (2.8)	Inner PVC (.226) Outer PVC (.315)	.065	75	16.3	0 to +75	300
RG-59/U Type	**8241**	6.35	Belden	1/.023″ CCS (47.0)	PE (.146)	None/95% BC (2.6)	PVC (.241)	.036	75	20.5	-40 to +80	1,700
RG-59/U Type	**8241A**	6.35	Belden	1/.023″ CCS (47.0)	FRSFPE (.146)	None/95% BC (2.6)	PVC (.242)	.039	75	20.5	-40 to +80	300
RG-59/U Type	**8241B**	6.35	Belden	1/.0228″ BC (20.0)	PE (.146)	None/95% BC (2.9)	PVC (.242)	.034	75	20.5	-40 to +80	1,700
RG-59/U Type	**8241F**	6.35	Belden	7/.030″ BC (15.0)	FPE (.146)	None/95% BC (2.6)	PVC-M (.241)	.032	75	17.3	-30 to +60	300
RG-59B/U Type	**8263**	6.36	MIL-C-17D	1/.023″ CC (47.0)	PE (.146)	None/95% BC (2.6)	PVC-NC (.241)	.035	75	20.5	-40 to +60	1,700
RG-59/U Type Precision	**8279**	6.41	Belden	7/.023″ BC (19.1)	PE (.146)	None/95% TC (4.5)	PE (.220)	.026	75	20.5	-55 to +80	2,300
RG-59/U Type Precision Video	**8281**	6.30	Belden	1/.032″ BC (9.9)	PE (.198)	None/97% TC None/95% TC (1.1)	PE (.305)	.068	75	20.5	-55 to +80	2,900
RG-59/U Type Precision Video	**8281B**	6.30	Belden	1/.032″ BC (9.9)	FRSFPE (.198)	None/97% TC None/95% TC (1.1)	PVC (.305)	.076	75	20.5	-40 to +80	300
RG-59/U Type Precision Video	**8281F**	6.30	Belden	7/.0315″ BC (11.8)	PE (.193)	None/97% TC None/95% TC (1.7)	PVC-M (.304)	.060	75	20.5	-20 to +60	2,900
RG-59/U Type	**9100**	6.16	Belden	1/.032″ CCS (44.5)	GIFPE (.144)	DBII/40% AL (17.0)	PVC (.237)	.020	75	16.2	-40 to +80	300
RG-59/U Type	**9104**	6.17	Belden	1/.032″ CCS (44.5)	GIFPE (.144)	DBII/67% AL (12.0)	PVC (.237)	.022	75	16.2	-40 to +80	300
RG-59/U Type	**9104N**	6.17	Belden	1/.032″ CCS (44.5)	GIFPE (.144)	DBII/67% AL (12.0)	PVC (.237)	.022	75	16.2	-40 to +80	300
RG-59/U Type Plenum	**9104P**	6.17	Belden	1/.032″ CCS (44.5)	FFEP (.140)	DBII/67% AL (12.0)	FLM (.203)	.020	75	16.3	-20 to +75	300
RG-59/U Type	**9110**	6.17	Belden	1/.032″ CCS (44.5)	GIFPE (.144)	DBIII/67% AL (11.0)	PVC (.242)	.022	75	16.2	-40 to +80	300
RG-59/U Type Precision Video	**9141**	6.43	Belden	1/.032″ BC (9.9)	PE (.200)	None/97% TC None/95% TC (1.1)	PE (.305)	.068	75	20.0	-55 to +80	2,900
RG-59/U Type	**9167**	6.29	Belden	1/.032″ SCCS (25.8)	GIFPE (.144)	DB+/95% AL (4.5)	PVC (.242)	.028	75	16.2	-40 to +80	300
RG-59/U QPL M17/29-RG59	**9204**	6.75	MIL-C-17G	1/.023″ CCS (47.0)	PE (.146)	None/95% BC (2.6)	PVC-NC (.241)	.034	75	20.5	-40 to +85	1,700
RG-59/U Type Precision Video	**9209**	6.41	Belden	1/.02275″ BC (20.4)	PE (.146)	DF/95% TC (4.5)	PE (.220)	.027	75	20.5	-55 to +80	2,300

*Inner conductors are entered as: number of strands/strand diameter (in inches).

See page 6.15 for key to abbreviations used in this table.

RG Coaxial and Triaxial Reference Guide

RG-59/U and RG-62 Types

Cable Designation	Part No.	Page No.	Spec. Reference	Conductor Stranding/ Dia. & Type* (DCR/1000 Ft.)	Insulation Material (OD in.)	Shield Type Tape/Braid (DCR/1000 Ft.)	Jacket Material (OD in.)	Nom. Weight (Lbs./Ft.)	Nom. Imp. (Ω)	Nom. Cap. (pF/Ft.)	Suggested Operating Temp. Range (°C) Non UL	Max. Oper. Voltage (RMS) Non UL
RG-59/U Type *(continued)*												
RG-59/U Type Precision Video	**9209A**	6.41	Belden	1/.02275″ BC (20.4)	FRSFPE (.146)	DF/95% TC (4.5)	PVC (.220)	.031	75	20.5	-40 to +80	300
RG-59/U Type	**9224**	6.78	Belden	1/.025″ BCCS (54.0)	PE (.146)	None/93% BC (2.5)	PVC (.242)	.038	75	22.0	-40 to +75	1,900
RG-59/U Type Precision Video	**9231**	6.42	W/E 728B	1/.031″ BC (9.9)	PE (.198)	None/97% TC None/95% TC (1.1)	PVC-NC (.305)	.071	75	20.5	-40 to +80	2,900
RG-59/U Type	**9240**	6.37	Belden	1/.032″ CCS (61.5)	FPE (.143)	None/80% BC (5.6)	PVC (.241)	.028	75	17.3	-40 to +75	300
RG-59/U Type	**9244**	6.36	Belden	1/.0253″ CCS (50.0)	PE (.146)	None/85% BC (4.5)	PVC (.242)	.034	75	19.4	-40 to +80	1,700
RG-59/U Type	**9259**	6.36	Belden	7/.030″ BC (15.0)	FPE (.146)	None/95% BC (2.6)	PVC (.242)	.033	75	17.3	-40 to +80	300
RG-59/U Type Triaxial	**9267**	6.51	Belden	1/.033″ BC (10.1)	GIFPE (.146)	Inner None/95% BC (2.5) Outer None/80% BC (2.6)	Inner PE (.216) Outer H (.360)	.079	75	17.3	-20 to +80	300
RG-59/U Type	**9274**	6.37	Belden	1/.032″ CCS (44.5)	FPE (.143)	None/95% BC (2.6)	PVC (.240)	.030	75	17.3	-40 to +80	300
RG-59/U Type	**9275**	6.16	Belden	1/.032″ CCS (44.5)	GIFPE (.144)	DF/40% AL (17.0)	PVC (.237)	.023	75	16.2	-40 to +80	300
RG-59/U Type Dual	**9555**	6.80	Belden	1/.023″ CCS (50.0)	FRSFPE (.146)	None/95% BC (2.6)	PVC (.238 x .478)	.075	75	20.5	-40 to +80	1,700
RG-59/U Type	**9659**	6.36	Belden	7/.030″ BC (15.0)	FPE (.146)	None/95% BC (2.6)	PVC-NC (.242)	.033	75	17.3	-40 to +80	300
RG-59/U Type Plenum	**82108**	6.18	Belden	1/.032″ CCS (26.0)	FFEP (.140)	DF/96% TC (2.6)	FLM (.202)	.039	75	16.5	-20 to +75	300
RG-59/U Type Plenum	**82241**	6.35	Belden	1/.023″ CCS (52.0)	FEP (.134)	None/97% BC (2.6)	FLM (.193)	.035	75	19.5	-20 to +75	1,700
RB-59/U Type Plenum	**82259**	6.36	Belden	7/.030″ BC (15.0)	FFEP (.135)	None/95% BC (2.6)	FLM (.193)	.030	75	17.3	-20 to +75	300
RG-59/U Type Plenum	**88241**	6.35	Belden	1/.023″ CCS (52.0)	FEP (.134)	None/97% BC (2.6)	FEP (.193)	.037	75	19.5	-70 to +200	1,700
RG-59/U Type Plenum Triax	**88232**	6.50	Belden	1/.032″ BC (34.5)	FFEP (.140)	Inner None/95% BC (2.6) None/95% BC (2.6)	Inner FEP (.188) Outer FEP (.246)	.058	75	16.7	-70 to +200	300
RG-59/U Type Precision Video Plenum	**88281**	6.43	Belden	1/.032″ BC (9.9)	FEP (.185)	None/98% TC None/96% TC (1.1)	FCP (.271)	.082	75	19.5	-20 to +150	2,900
RG-59/U Type Plenum	**89108**	6.18	Belden	1/.032″ CCS (26.0)	FFEP (.140)	DF/96% TC (2.6)	FEP (.203)	.035	75	16.5	-70 to +200	300
RG-59/U Type Plenum	**89259**	6.36	Belden	7/.030″ BC (15.0)	FFEP (.135)	None/95% BC (2.6)	FEP (.193)	.033	75	17.3	-70 to +200	300
RG-59/U Type Dual Plenum	**89555**	6.80	Belden	1/.023″ CCS (50.0)	FEP (.134)	None/95% BC (2.6)	FEP (.212 x .424)	.086	75	19.5	-70 to +200	1,700
RG-62 Type												
RG-62/U Type	**8254**	6.81	JAN-C-17A	1/.0253″ CCS (41.2)	SSPE (.146)	None/95% BC (2.9)	PVC (.238)	.032	93	13.5	-40 to +80	750
RG-62B/U Type	**8255**	6.81	MIL-C-17D	7/.024″ CCS (59.0)	SSPE (.146)	None/95% BC (2.9)	PVC-NC (.242)	.032	93	13.5	-40 to +80	750
RG-62A/U Type	**9228**	6.81	Belden	1/.0253″ CCS (41.2)	SSPE (.146)	None/95% BC (2.9)	HDPE (.242)	.033	93	13.5	-55 to +80	750
RG-62A/U Type	**9268**	6.81	Belden, IBM P/N 5252750	1/.0253″ CCS (41.2)	SSPE (.146)	None/95% BC (2.9)	PVC (.260)	.037	93	13.5	-40 to +80	750

*Inner conductors are entered as: number of strands/strand diameter (in inches).

See page 6.15 for key to abbreviations used in this table.

RG Coaxial and Triaxial Reference Guide

RG-62 and Other Misc. RG Types

Cable Designation	Part No.	Page No.	Spec. Reference	Conductor Stranding/ Dia. & Type* (DCR/1000 Ft.)	Insulation Material (OD in.)	Shield Type Tape/Braid (DCR/1000 Ft.)	Jacket Material (OD in.)	Nom. Weight (Lbs./Ft.)	Nom. Imp. (Ω)	Nom. Cap. (pF/Ft.)	Suggested Operating Temp. Range (°C) Non UL	Max. Oper. Voltage (RMS) Non UL
RG-62 Type *(continued)*												
RG62A/U Type	**9269**	6.81	Belden, IBM P/N 323921	1/.0253″ CCS (41.2)	SSPE (.146)	None/95% BC (2.9)	PVC (.239)	.034	93	13.5	-40 to +80	750
RG-62/U QPL M17/30-RG62	**9862**	6.76	MIL-C-17G	1/.0263″ CCS (41.2)	SSPE (.146)	None/95% BC (2.9)	PVC-NC (.242)	.033	93	13.5	-40 to +80	750
RG-62/U Type Plenum	**82262**	6.82	Belden	1/.025″ CCS (41.2)	FFEP (.146)	None/94% BC (3.4)	FLM (.204)	.030	93	12.8	-20 to +75	300
RG-62/U Type Plenum	**82269**	6.82	Belden	1/.025″ CCS (41.2)	SSFEP (.142)	None/94% BC (3.4)	FLM (.200)	.030	93	12.8	-20 to +75	300
RG-62U Type Plenum	**86262**	6.82	Belden, IBM P/N4885584II	1/.025″ CCS (41.2)	FFEP (.146)	None/94% BC (3.4)	FEP (.204)	.032	93	12.8	-70 to +200	300
RG-62/U Type Plenum	**87269**	6.82	Belden	1/.025″ CCS (41.2)	SSFEP (.142)	None/94% BC (3.4)	FCP (.200)	.031	93	12.8	-20 to +150	300
RG-62/U Type Plenum	**89269**	6.82	Belden, IBM P/N4885584I	1/.025″ CCS (41.2)	SSFEP (.142)	None/94% BC (3.4)	FEP (.200)	.033	93	12.8	-70 to +200	300
Other Misc. RG Types												
RG-63/ U QPL M17/31-RG63	**9857**	6.76	MIL-C-17G	1/.0253″ CCS (41.2)	SSPE (.285)	None/97% BC (1.2)	PVC-NC (.405)	.087	125	9.7	-40 to +80	750
RG-71/U QPL M17/90-RG71	**9169**	6.76	MIL-C-17G	1/.0253″ CCS (41.2)	SSPE (.146)	None/95% BC None/94% TC (1.5)	PE (.245)	.046	93	13.5	-55 to +85	750
RG-122/U QPL M17/157-00001	**9252**	6.72	MIL-C-17G	27/.030″ TC (17.1)	PE (.096)	None/95% TC (5.2)	PVC-NC (.160)	.017	50	30.8	-40 to +85	1,400
RG-142B/U QPL M17/158-00001	**83242**	6.73	MIL-C-17G	1/.037″ SCCS (19.3)	TFE (.116)	None/96% SC None/95% SC (2.3)	FEP (.195)	.043	50	29.0	-70 to +200	1,400
RG-142/U QPL M17/60-RG142	**84142**	6.73	MIL-C-17G	1/.037″ SCCS (19.3)	TFE (.116) (2.3)	None/96% SC None/95% SC	FEP (.195)	.043	50	29.2	-70 to +200	1,400
RG-174/U Type RF100	**7805**	6.57	Belden	1/.018″ BC (32.0)	PE (.061)	DF/90% TC (9.1)	PVC (.110)	.010	50	31.2	-40 to +80	1100
RG-174/U Type RF 100 Low Loss	**7805R**	6.57	Belden	1/.0195″ BC (27.3)	FPE (.060)	DF/90% TC (9.4)	PVC (.110)	.010	50	26.2	-40 to +80	300
RG-174/U Type	**8216**	6.63	MIL-C-17F	7/.019″ CCS (97.0)	PE (.060)	None/90% TC (10.7)	PVC (.110)	.008	50	30.8	-40 to +75	1,100
RG-174/U Type	**9239**	6.78	Belden	7/.019″ BCCS (97.0)	PE (.044)	None/90% TC (14.0)	PVC (.101)	.008	50	38.0	-40 to +60	1,100
RG-178B/U QPL M17/169-00001	**83265**	6.72	MIL-C-17G	7/.012″ SCCS (244.0)	TFE (.033)	None/95% SC (14.6)	FEP (.071)	.005	50	29.0	-70 to +200	750
RG-179/U QPL M17/94-RG179	**83264**	6.75	MIL-C-17G	7/.012″ SCCS (244.0)	TFE (.062)	None/95% SC (8.5)	FEP (.100)	.010	75	19.5	-70 to +200	900
RG-180/U QPL M17/95-RG 180	**83266**	6.76	MIL-C-17G	7/.012″ SCCS (344.0)	TFE (.102)	None/91% SC (6.5)	FEP (.141)	.018	95	15.0	-70 to +200	1,100
RG-187A/U Type	**83267**	6.80	MIL-C-17D	7/.012″ SCCS (258.0)	TFE (.063)	None/95% SC (8.5)	TFE-T (.111)	.010	75	19.5	-70 to +200	900
RG-188A/U Type	**83269**	6.63	MIL-C-17D	7/.020″ SCCS (91.2)	TFE (.058)	None/96% SC (8.5)	TFE-T (.108)	.011	50	29.0	-70 to +200	900
RG-212/U QPL M17/162-00001	**9861**	6.74	MIL-C-17G	1/.0556″ SC (3.3)	PE (.185)	None/95% SC None/95% SC (1.1)	PVC-NC (.332)	.081	50	30.8	-40 to +80	2,200
RG-213/U QPL M17/163-00001	**8267**	6.74	MIL-C-17G	7/.089″ BC (1.7)	PE (.285)	None/97% BC (1.2)	PVC-NC (.405)	.102	50	30.8	-40 to +80	3,700
RG-214/U QPL M17/164-00001	**8268**	6.74	MIL-C-17G	7/.089″ SC (1.7)	PE (.285)	None/95% SC None/97% SC (.7)	PVC-NC (.425)	.128	50	30.8	-40 to +80	3,700
RG-216/U QPL M17/77-RG216	**9850**	6.75	MIL-C-17G	7/.048″ TC (6.1)	PE (.185)	None/95% BC None/95% BC (.8)	PVC-NC (.425)	.122	75	20.5	-40 to +80	3,700

*Inner conductors are entered as: number of strands/strand diameter (in inches).

See page 6.15 for key to abbreviations used in this table.

RG Coaxial and Triaxial Reference Guide

Misc. RG Types, Miniature and Bundled Coax

Cable Designation	Part No.	Page No.	Spec. Reference	Conductor Stranding/ Dia. & Type* (DCR/1000 Ft.)	Insulation Material (OD in.)	Shield Type Tape/Braid (DCR/1000 Ft.)	Jacket Material (OD in.)	Nom. Weight (Lbs./Ft.)	Nom. Imp. (Ω)	Nom. Cap. (pF/Ft.)	Suggested Operating Temp. Range (°C) Non UL	Max. Oper. Voltage (RMS) Non UL
Other Misc. RG Types *(continued)*												
RG-223/U QPL M17/167-00001	**9273**	6.73	MIL-C-17G	1/.034″ SC (8.8)	PE (.117)	None/95% SC None/95% SC (2.5)	PVC-NC (.212)	.036	50	30.8	-40 to +60	1,700
RG-303/U QPL M17/111-RG303	**84303**	6.73	MIL-C-17G	1/.037″ SCCS (16.3)	TFE (.116)	None/95% SC (4.3)	FEP (.170)	.030	50	29.0	-70 to +200	1,400
RG-316/U QPL M17/172-00001	**83284**	6.72	MIL-C-17G	7/.020″ SCCS (84.1)	TFE (.058)	None/96.5% SC (6.5)	FEP (.098)	.010	50	29.0	-70 to +200	900
RG-316/U QPL M17/113-RG316	**84316**	6.72	MIL-C-17G	7/.020″ SCCS (84.1)	TFE (.058)	None/95% SC (6.5)	FEP (.098)	.010	50	29.2	-70 to +200	900
Miniature Coax												
Miniature Coax	**8218**	6.34	Belden	7/.017″ CCS (120.0)	PE (.100)	None/93% TC (6.5)	PVC (.150)	.014	75	20.5	-40 to +60	1700
Miniature Coax	**8700**	6.78	Belden	1/.013″ TC (66.9)	PP (.023)	None/90% BC (28.7)	PVC (.054)	.003	32	55.2	-30 to +105	300
Miniature Coax	**9221**	6.34	Belden	7/.012″ TC (100.0)	FPE (.058)	None/89% TC (11.7)	PVC (.097)	.006	75	17.3	-40 to +60	30
Miniature RG-59/U Type	**1855A**	6.40	Belden	1/.023″ BC (20.1)	GIFPE (.102)	DF/95% TC (7.6)	PVC (.159)	.018	75	16.5	-40 to +75	300
Miniature RG-59/U Type	**1865A**	6.40	Belden	19/.021″ BC (27.4)	GIFPE (.094)	DF/95% TC (5.4)	PVC (.150)	.014	75	16.5	-40 to +80	300
Bundled Coax												
Bundled Coax RG-59 Type Plenum RGB 3-Coaxial	**1824A**	6.48	Belden	7/.030″ BC (15.3)	FFEP (.135)	DF/95% TC (2.5)	FLM (.475)	.099	75	17.3	0 to +75	300
Bundled Coax RG-59 Type Plenum RGB 4-Coaxial	**1825A**	6.48	Belden	7/.030″ BC (15.3)	FFEP (.135)	DF/95% TC (2.5)	FLM (.527)	.132	75	16.5	0 to +60	300
Bundled Coax RG-59 Type Plenum RGB 5-Coaxial	**1826A**	6.48	Belden	7/.030″ BC (15.3)	FFEP (.135)	DF/95% TC (2.5)	FLM (.585)	.165	75	16.5	0 to +60	300
Bundled Coax Sub-Miniature RGB 3-Coaxial	**1520A**	6.47	Belden	7/.012″ TC (103.2)	FPE (.056)	DF/90% TC (9.5)	PVC (.283)	.042	75	17.3	-40 to +60	300
Bundled Coax Sub-Miniature RGB 4-Coaxial	**1521A**	6.47	Belden	7/.012″ TC (103.2)	FPE (.056)	DF/90% TC (9.5)	PVC (.310)	.050	75	17.3	-40 to +60	300
Bundled Coax Sub-Miniature RGB 5-Coaxial	**1522A**	6.47	Belden	7/.012″ TC (103.2)	FPE (.056)	DF/90% TC (9.5)	PVC (.338)	.058	75	17.3	-40 to +60	300
Bundled Coax Miniature RGB 3-Coaxial	**1406B**	6.47	Belden	7/.019″ BC (71.5)	FPE (.090)	DF/93% TC (8.6)	PVC (.388)	.064	75	17.3	-40 to +60	300
Bundled Coax Miniature RGB 4-Coaxial	**1407B**	6.47	Belden	7/.019″ BC (37.3)	FPE (.090)	DF/93% TC (8.6)	PVC (.455)	.088	75	17.3	-40 to +60	300
Bundled Coax Miniature RGB 5-Coaxial	**1417B**	6.47	Belden	7/.019″ BC (37.3)	FPE (.090)	DF/93% TC (8.6)	PVC (.477)	.102	75	17.3	-40 to +60	300
Bundled Coax Miniature RGB 3-Coaxial	**1164B**	6.48	Belden	7/.019″ BC (37.3)	FPE (.090)	DF/93% TC (8.6)	PVC (.388)	.066	75	17.3	-40 to +60	300
Bundled Coax Miniature RGB 4-Coaxial	**1167B**	6.48	Belden	7/.019″ BC (37.3)	FPE (.090)	DF/93% TC (8.6)	PVC (.455)	.090	75	17.3	-40 to +60	300
Bundled Coax Miniature RGB 5-Coaxial	**1418B**	6.48	Belden	7/.019″ BC (37.3)	FPE (.090)	DF/93% TC (8.6)	PVC (.477)	.104	75	17.3	-40 to +60	300
Bundled SDI Coax 3-Coaxial RG-6 Type	**7710A**	6.46	Belden	1/.040″ BC (6.4)	GIFPE (.180)	DF/95% TC (2.8)	PVC-M (.770)	.234	75	16.2	-40 to +60	300

*Inner conductors are entered as: number of strands/strand diameter (in inches).

See page 6.15 for key to abbreviations used in this table.

RG Coaxial and Triaxial Reference Guide

Bundled and SVHS Coax

Cable Designation	Part No.	Page No.	Spec. Reference	Conductor Stranding/ Dia. & Type* (DCR/1000 Ft.)	Insulation Material (OD in.)	Shield Type Tape/Braid (DCR/1000 Ft.)	Jacket Material (OD in.)	Nom. Weight (Lbs./Ft.)	Nom. Imp. (Ω)	Nom. Cap. (pF/Ft.)	Suggested Operating Temp. Range (°C) Non UL	Max. Oper. Voltage (RMS) Non UL
Bundled Coax *(continued)*												
Bundled SDI Coax 4-Coaxial RG-6 Type	**7711A**	6.46	Belden	1/.040″ BC (6.4)	GIFPE (.180)	DF/95% TC (2.8)	PVC-M (.843)	.303	75	16.2	-40 to +60	300
Bundled SDI Coax 5-Coaxial RG-6 Type	**7712A**	6.46	Belden	1/.040″ BC (6.4)	GIFPE (.180)	DF/95% TC (2.8)	PVC-M (.942)	.371	75	16.2	-40 to +60	300
Bundled SDI Coax 10-Coaxial RG-6 Type	**7713A**	6.46	Belden	1/.040″ BC (6.4)	GIFPE (.180)	DF/95% TC (2.8)	PVC-M (1.386)	.772	75	16.2	-40 to +60	300
RG-59/U Type Bundled 3-Coax (Miniature)	**7787A**	6.45	Belden	1/.023″ BC (20.1)	GIFPE (.102)	DF/95% TC (7.6)	PVC (.432)	.081	75	16.5	-35 to +75	300
RG-59/U Type Bundled 4-Coax (Miniature)	**7788A**	6.45	Belden	1/.023″ BC (20.1)	GIFPE (.102)	DF/95% TC (7.6)	PVC (.481)	.106	75	16.5	-35 to +75	300
RG-59/U Type Bundled 5-Coax (Miniature)	**7789A**	6.45	Belden	1/.023″ BC (20.1)	GIFPE (.102)	DF/95% TC (7.6)	PVC (.539)	.133	75	16.5	-35 to +75	300
RG-59/U Type Bundled 6-Coax (Miniature)	**7790A**	6.45	Belden	1/.023″ BC (20.1)	GIFPE (.102)	DF/95% TC (7.6)	PVC (.597)	.163	75	16.5	-35 to +75	300
RG-59/U Type Bundled 12-Coax (Miniature)	**7791A**	6.45	Belden	1/.023″ BC (20.1)	GIFPE (.102)	DF/95% TC (7.6)	PVC (.796)	.280	75	16.5	-35 to +75	300
RG-59/U Type Bundled 12-Coax (Miniature)	**7792A**	6.45	Belden	1/.023″ BC (20.1)	GIFPE (.102)	DF/95% TC (7.6)	PVC (.825)	.336	75	16.5	-35 to +75	300
RG-59/U Type Bundled 3-Coax	**7794A**	6.45	Belden	1/.032″ BC (10.0)	GIFPE (.145)	DF/95% TC (3.8)	PVC (.631)	.084	75	16.3	-35 to +75	300
RG-59/U Type Bundled 4-Coax	**7795A**	6.45	Belden	1/.032″ BC (10.0)	GIFPE (.145)	DF/95% TC (3.8)	PVC (.706)	.190	75	16.3	-35 to +75	300
RG-59/U Type Bundled 5-Coax	**7796A**	6.45	Belden	1/.032″ BC (10.0)	GIFPE (.145)	DF/95% TC (3.8)	PVC (.790)	.238	75	16.3	-35 to +75	300
RG-59/U Type Bundled 10-Coax	**7798A**	6.45	Belden	1/.032″ BC (10.0)	GIFPE (.145)	DF/95% TC (3.8)	PVC (1.160)	.501	75	16.3	-35 to +75	300
SVHS Coax												
Parallel Coax SVHS 2-Coaxial Plenum	**7700A**	6.49	Belden	7/.012″ TC (91.5)	FFEP (.053)	None/98% TC (7.4)	FLM (.107 x .214)	.017	75	17.3	-20 to +60	300
Parallel Coax SVHS 2-Coaxial High-Flex Design	**1807A**	6.49	Belden	7/.012″ TC (85.2)	FPE (.056)	None/90% TC (7.5)	PVC (.110 x .230)	.013	75	17.3	-40 to +60	300
Round SVHS 2-Coaxial High-Flex Design	**1808A**	6.49	Belden	7/.012″ TC (85.2)	FPE (.056)	None/90% TC (7.5)	PVC (.254)	.031	75	17.3	-40 to +60	300

*Inner conductors are entered as: number of strands/strand diameter (in inches).

See page 6.15 for key to abbreviations used in this table.

Conductor Abbreviations
BC = Bare Copper
BCCA = Bare Copper-covered Aluminum
CCS = Copper-clad Steel
SC = Silver-coated copper
SCA = Silver-coated Alloy
SCCS = Silver-coated Copper-covered Steel
SPC = Silver-plated Copper
TC = Tinned Copper

Braid Abbreviations
AL = Aluminum
BC = Bare Copper
CT = Copper-Tin Composite
SC = Silver-coated copper
SPC = Silver-plated Copper
TC = Tinned Copper

Tape Abbreviations
BF = Beldfoil®
DB = Duobond®
DBII = Duobond II
DBIII = Duobond III
DBIV = Duobond IV
DB+ = Duobond Plus®
DF = Duofoil®
F = Foil

Insulation Abbreviations
FEP = Fluorinated Ethylene Propylene
FFEP = Foam FEP
FPE = Foam Polyethylene
FRSFPE = Flame-retardant Semi-foam Polyethylene
GIFPE = Gas-injected Foam Polyethylene
PE = Solid Polyethylene
PP = Solid Polypropylene
SSFEP = Semi-solid FEP
SSPE = Semi-solid Polyethylene
TFE = Tetrafluoroethylene

Jacket Abbreviations
BELFX = Belflex®
FCP = Fluorocopolymer
FEP = Fluorinated Ethylene Propylene
FG = Fiberglass
FLM = Flamarrest®
H = Hypalon®
HDPE = High-density Polyethylene
PE = Polyethylene
PVC = Polyvinyl Chloride
PVC-M = Matte finish Polyvinyl Chloride
PVC-NC = Non-contaminating Polyvinyl Chloride
TFE-T = Tetrafluoroethylene Tape Wrap

For information on coaxial cables not listed in this table, or for a comprehensive Connector Cross-Reference, please contact Belden Electronics Division, Technical Support at: **1-800-BELDEN-1**.

Hypalon is a DuPont trademark.

Broadband Coax

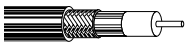
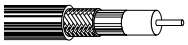
MATV Cables
Series 59

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m
Series 59 • 20 AWG Solid .032″ Bare Copper-covered Steel • Foil + Braid Shield																			
Gas-injected Foam Polyethylene Insulation • Black PVC Jacket																			
80°C	**9275**	NEC: CATV CM CEC: CM	U-500 500 U-1000▲ 1000	U-152.4 152.4 U-304.8 304.8	12.0 12.5 24.0 24.0	5.5 5.7 10.9 10.9	20 AWG (solid) .032″ BCCS 44.5Ω/M′ 146.0Ω/km	.144	3.66	Duofoil® + 40% Aluminum Braid 17.0Ω/M′ 55.8Ω/km	.237	6.02	75	83%	16.2	53.1	See Chart on page 6.88		
Sweep tested 5 MHz to 550 MHz.																			
▲U-1000 ft. put-up also available in White.																			
80°C	**9100**	NEC: CATV CM CEC: CM	U-500 U-1000▲ 1000	U-152.4 U-304.8 304.8	12.0 24.0 24.0	5.5 10.9 10.9	20 AWG (solid) .032″ BCCS 44.5Ω/M′ 146.0Ω/km	.144	3.66	Duobond® II + 40% Aluminum Braid 17.0Ω/M′ 55.8Ω/km	.237	6.02	75	83%	16.2	53.1	See Chart on page 6.88		
Sweep tested 5 MHz to 1 GHz.																			
▲U-1000 ft. put-up also available in White.																			

BCCS = Bare Copper-covered Steel • DCR = DC Resistance

Broadband Coax

CATV Cables
Series 59

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m
Series 59 • 20 AWG Solid .032″ Bare Copper-covered Steel • Duobond® + Aluminum Braid(s) Shield																			
Gas-injected Foam Polyethylene Insulation • Black PVC Jacket																			
80°C 	**9104**	NEC: CATV CM CEC: CM	U-1000▲ 1000▲	U-304.8 304.8	25.0 25.0	11.4 11.4	20 AWG (solid) .032″ BCCS 44.5Ω/M′ 146.0Ω/km	.144	3.66	Duobond II + 67% Aluminum Braid 12.0Ω/M′ 39.4Ω/km	.237	6.02	75	83%	16.2	53.1	See Chart on page 6.88		
▲1000 ft. and U-1000 ft. put-ups also available in Beige and White.																			
80°C 	**9104N** new		1000◆	304.8	25.0	11.4	20 AWG (solid) .032″ BCCS 44.5Ω/M′ 146.0Ω/km	.144	3.66	Duobond II + 67% Aluminum Braid 12.0Ω/M′ 39.4Ω/km	.237	6.02	75	83%	16.2	53.1	See Chart on page 6.88		
◆1000 ft. put-up also available in White.																			
Plenum • Foam FEP Insulation • Natural Flamarrest® Jacket																			
75°C 	**9104P**	NEC: CATV CMP CEC: CMP FT6	U-1000† 1000†	U-304.8 304.8	22.0 24.0	10.0 10.9	20 AWG (solid) .032″ BCCS 44.5Ω/M′ 146.0Ω/km	.140	3.56	Duobond II + 67% Aluminum Braid 12.0Ω/M′ 39.4Ω/km	.203	5.16	75	83%	16.3	53.5	1 .4 1.3 10 .8 2.6 50 1.8 5.9 100 2.6 8.5 200 3.8 12.5 400 5.6 18.4 700 7.6 24.9 900 8.8 28.9 1000 9.4 30.8		
Gas-injected Foam Polyethylene Insulation • Black PVC Jacket																			
80°C 	**9110**	NEC: CATV CM CEC: CM	U-1000▲ 1000	U-304.8 304.8	25.0 26.0	11.4 11.8	20 AWG (solid) .032″ BCCS 44.5Ω/M′ 146.0Ω/km	.144	3.66	Duobond III + 67% Aluminum Braid 12.0Ω/M′ 39.4Ω/km	.242	6.15	75	83%	16.2	53.1	See Chart on page 6.88		
▲U-1000 ft. put-up also available in White.																			
80°C 	**1186A**	NEC: CATV CM CEC: CM	1000	304.8	28.0	12.7	20 AWG (solid) .032″ BCCS 44.5Ω/M′ 146.0Ω/km	.144	3.66	Duobond IV* + 67% & 46% Aluminum Braids 7.0Ω/M′ 23.0Ω/km	.265	6.73	75	83%	16.2	53.1	See Chart on page 6.88		

BCCS = Bare Copper-covered Steel • DCR = DC Resistance

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**.

*Duobond IV = Duobond II + 67% aluminum braid + Duofoil® tape + 46% aluminum braid.

†Spools and/or UnReel® cartons are one piece, but length may vary ±10% for spools and ±5% for UnReel from length shown.

Sweep tested 5 MHz to 1 GHz.

Broadband Coax

CATV Cables
Series 59

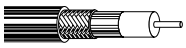
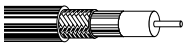
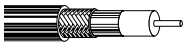
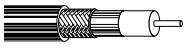
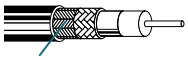
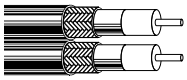
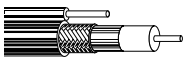
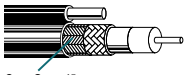
Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m
Series 59 • 20 AWG Solid .032″ Bare Copper-covered Steel • Duofoil® + Tinned Copper Braid(s) Shield																			
Plenum • Foam FEP Insulation • Black FEP Jacket																			
200°C 	**89108**	NEC: CATVP CMP CEC: CMP FT6	500† 1000†	152.4 304.8	19.0 38.0	8.6 17.3	20 AWG (solid) .032″ BCCS 26.0Ω/M′ 85.3Ω/km	.140	3.56	Duofoil + 96% TC Braid 2.6Ω/M′ 8.5Ω/km	.203	5.16	75	82%	16.5	54.1	1 10 50 100 200 400 700 900 1000	.4 .8 1.8 2.6 3.8 5.6 7.6 8.8 9.4	1.3 2.6 5.9 8.5 12.5 18.4 24.9 28.9 30.8
													Sweep tested 5 MHz to 400 MHz.						
Plenum • Foam FEP Insulation • Natural Flamarrest® Jacket																			
75°C 	**82108**	NEC: CATVP CMP CEC: CMP FT6	U-1000† 1000†	U-304.8 304.8	35.0 35.0	15.9 15.9	20 AWG (solid) .032″ BCCS 26.0Ω/M′ 85.3Ω/km	.140	3.56	Duofoil + 96% TC Braid 2.6Ω/M′ 8.5Ω/km	.202	5.13	75	82%	16.5	54.1	1 10 50 100 200 400 700 900 1000	.4 .8 1.8 2.6 3.8 5.6 7.6 8.8 9.4	1.3 2.6 5.9 8.5 12.5 18.4 24.9 28.9 30.8
													Sweep tested 5 MHz to 400 MHz.						
Plenum • Foam FEP Insulation • Snow Beige FEP Jacket																			
200°C 	**1151A**	NEC: CMP CEC: CMP FT6	1000†	304.8	40.0	18.2	20 AWG (solid) .032″ BCCS 26.0Ω/M′ 85.3Ω/km	.140	3.56	(2) Duofoil Shields + (2) TC Braids 2.3Ω/M′ 7.5Ω/km	.236	5.99	75	84%	16.5	54.1	1 10 50 100 200 400 700 900 1000	.4 .8 1.8 2.6 3.8 5.6 7.6 8.8 9.4	1.3 2.6 5.9 8.5 12.5 18.4 24.9 28.9 30.8
													Sweep tested 5 MHz to 400 MHz.						

BCCS = Bare Copper-covered Steel • DCR = DC Resistance • TC = Tinned Copper

†Spools and/or UnReel® cartons are one piece, but length may vary ±10% from length shown.

Broadband Coax

CATV Cables
Series 6

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m
Series 6 • 18 AWG Solid .040″ Bare Copper-covered Steel • Duobond® II + 60% Aluminum Braid Shield																			
Gas-injected Foam Polyethylene Insulation • Polyethylene Jacket (Black or Orange)																			
Burial 80°C  CoreGuard®	**9066**		1000	304.8	27.0	12.3	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.180	4.57	Duobond II + 60% Aluminum Braid 9.0Ω/M′ 29.5Ω/km	.270	6.86	75	83%	16.2	53.1	See Chart on page 6.88		
																	Sweep tested 5 MHz to 1 GHz.		
Gas-injected Foam Polyethylene Insulation • Black PVC Jacket																			
80°C 	**9116**	NEC: CATV CM CEC: CM	U-500▲ 500▲ U-1000◆ 1000◆	U-152.4 U-152.4 U-304.8 304.8	15.5 17.5 31.0 32.0	7.0 7.9 14.1 14.5	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.180	4.57	Duobond II + 60% Aluminum Braid 9.0Ω/M′ 29.5Ω/km	.270	6.86	75	83%	16.2	53.1	See Chart on page 6.88		
																	Sweep tested 5 MHz to 1 GHz.		
▲500 ft. and U-500 ft. put-ups also available in White. ◆1000 ft. and U-1000 ft. put-ups also available in White or Beige.																			
80°C 	**9116N** new		1000	304.8	31.0	14.1	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.180	4.57	Duobond II + 60% Aluminum Braid 9.0Ω/M′ 29.5Ω/km	.270	6.86	75	83%	16.2	53.1	See Chart on page 6.88		
																	Sweep tested 5 MHz to 1 GHz.		
80°C 	**9116R**	NEC: CATVR CMR CEC: CMR FT4	500 U-1000 1000	152.4 U-304.8 304.8	17.0 34.0 35.0	7.7 15.5 15.9	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.180	4.57	Duobond II + 60% Aluminum Braid 9.0Ω/M′ 29.5Ω/km	.270	6.86	75	83%	16.2	53.1	See Chart on page 6.88		
																	Sweep tested 5 MHz to 1 GHz.		
Plenum • Foam FEP Insulation • Natural Flamarrest® Jacket																			
75°C 	**9116P**	NEC: CATVP CMP CEC: CMP FT6	U-1000 1000	U-304.8 304.8	27.0 28.0	12.3 12.7	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.170	4.32	Duobond II + 60% Aluminum Braid 9.0Ω/M′ 29.5Ω/km	.235	5.97	75	83%	16.3	53.5	1 10 50 100 200 400 700 900 1000	.3 .7 1.6 2.2 3.0 4.6 6.6 7.7 8.2	1.0 2.2 5.2 7.2 9.8 15.1 21.7 25.3 26.9
																	Sweep tested 5 MHz to 1 GHz.		
Gas-injected Foam Polyethylene Insulation • Black PVC Jacket																			
80°C  CoreGuard®	**1545A**	NEC: CATV CM CEC: CM	U-1000 1000	U-304.8 304.8	32.0 32.0	14.5 14.5	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.180	4.57	Duobond II + 60% Aluminum Braid 9.0Ω/M′ 29.5Ω/km	.270	6.86	75	83%	16.2	53.1	See Chart on page 6.88		
																	Sweep tested 5 MHz to 1 GHz.		
80°C 	**9077**	NEC: CATV CM CEC: CM	1000	304.8	64.0	29.1	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.180	4.57	Duobond II + 60% Aluminum Braid 9.0Ω/M′ 29.5Ω/km	.270 x .590	6.86 x 14.99	75	83%	16.2	53.1	See Chart on page 6.88		
																	Sweep tested 5 MHz to 1 GHz.		
80°C  .051″ (1.3mm) galvanized steel messenger.	**9117M**		1000	304.8	44.0	20.0	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.180	4.57	Duobond II + 60% Aluminum Braid 9.0Ω/M′ 29.5Ω/km	.270 x .410	6.86 x 10.41	75	83%	16.2	53.1	See Chart on page 6.88		
																	Sweep tested 5 MHz to 1 GHz.		
80°C  CoreGuard® .051″ (1.3mm) galvanized steel messenger.	**1258AM**		1000	304.8	45.0	20.5	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.180	4.57	Duobond II + 60% Aluminum Braid 9.0Ω/M′ 29.5Ω/km	.270 x .410	6.86 x 10.41	75	83%	16.2	53.1	See Chart on page 6.88		
																	Sweep tested 5 MHz to 1 GHz.		

BCCS = Bare Copper-covered Steel • DCR = DC Resistance
Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**.

Broadband Coax

CATV Cables
Series 6

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths Ft.	Standard Lengths m	Standard Unit Weight Lbs.	Standard Unit Weight kg	Conductor (stranding) Diameter Nom. DCR	Nominal Core OD Inch	Nominal Core OD mm	Shielding Materials Nom. DCR	Nominal OD Inch	Nominal OD mm	Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance pF/Ft.	Nominal Capacitance pF/m	Nominal Attenuation MHz	Nominal Attenuation dB/ 100 Ft.	Nominal Attenuation dB/ 100m
Series 6 • 18 AWG Solid .040″ Bare Copper-covered Steel • Duobond® II + 90% Aluminum Braid Shield																			
Gas-injected Foam Polyethylene Insulation • Black PVC Jacket																			
80°C	**1530A**	NEC: CATV CM CEC: CM	U-1000▲ 1000▲	U-304.8 304.8	32.0 33.0	14.5 15.0	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.180	4.57	Duobond II + 90% Aluminum Braid 5.0Ω/M′ 16.4Ω/km	.270	6.86	75	83%	16.2	53.1	See Chart on page 6.88		
Sweep tested 5 MHz to 1 GHz.																			
▲1000 ft. and U-1000 ft. put-ups also available in Beige.																			
Plenum • Foam FEP Insulation • Natural Flamarrest® Jacket																			
75°C	**1530AP**	NEC: CATVP CMP CEC: CMP FT6	U-1000† 1000†	U-304.8 304.8	29.0 30.0	13.2 13.6	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.170	4.32	Duobond II + 90% Aluminum Braid 5.0Ω/M′ 16.4Ω/km	.235	5.97	75	83%	16.3	53.5	1 10 50 100 200 400 700 900 1000	.3 .7 1.6 2.2 3.0 4.6 6.6 7.7 8.2	1.0 2.2 5.2 7.2 9.8 15.1 21.7 25.3 26.9
Sweep tested 5 MHz to 1 GHz.																			
Gas-injected Foam Polyethylene Insulation • Black PVC Jacket																			
80°C	**1531AM**		1000	304.8	45.0	20.5	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.180	4.57	Duobond II + 90% Aluminum Braid 5.0Ω/M′ 16.4Ω/km	.270 x .410	6.86 x 10.41	75	83%	16.2	53.1	See Chart on page 6.88		
Sweep tested 5 MHz to 1 GHz.																			
.051″ (1.3mm) galvanized steel messenger.																			
80°C	**1832AM**		1000	304.8	45.0	20.5	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.180	4.57	Duobond II + 90% Aluminum Braid 5.0Ω/M′ 16.4Ω/km	.270 x .410	6.86 x 10.41	75	83%	16.2	53.1	See Chart on page 6.88		
CoreGuard®																			
Sweep tested 5 MHz to 1 GHz.																			
.051″ (1.3mm) galvanized steel messenger.																			
Gas-injected Foam Polyethylene Insulation • Polyethylene Jacket (Black or Orange)																			
Burial 80°C	**1532A**		1000	304.8	28.0	12.7	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.180	4.57	Duobond II + 90% Aluminum Braid 5.0Ω/M′ 16.4Ω/km	.270	6.86	75	83%	16.2	53.1	See Chart on page 6.88		
CoreGuard®																			
Sweep tested 5 MHz to 1 GHz.																			

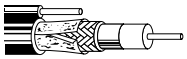
BCCS = Bare Copper-covered Steel • DCR = DC Resistance

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**.

†Spools and/or UnReel® cartons are one piece, but length may vary ±10% for spools and ±5% for UnReel from length shown.

Broadband Coax

CATV Cables
Series 6

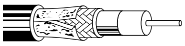
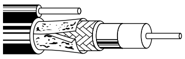
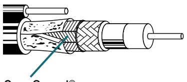
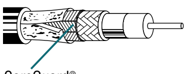
Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m
Series 6 • 18 AWG Solid .040″ Bare Copper-covered Steel • Duobond® III + 60% Aluminum Braid Shield																			
Gas-injected Foam Polyethylene Insulation • Black PVC Jacket																			
80°C 	**9118**	NEC: CATV CM CEC: CM	U-1000▲ 1000	U-304.8 304.8	31.0 32.0	14.1 14.5	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.180	4.57	Duobond III + 60% Aluminum Braid 6.5Ω/M′ 21.3Ω/km	.275	6.99	75	83%	16.2	53.1	See Chart on page 6.88		
																	Sweep tested 5 MHz to 1 GHz.		
▲U-1000 ft. put-up also available in Beige.																			
80°C 	**9119M**		1000	304.8	45.0	20.5	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.180	4.57	Duobond III + 60% Aluminum Braid 6.5Ω/M′ 21.3Ω/km	.275 x .416	6.99 x 10.57	75	83%	16.2	53.1	See Chart on page 6.88		
																	Sweep tested 5 MHz to 1 GHz.		
.051″ (1.3mm) galvanized steel messenger.																			
80°C  CoreGuard®	**1546A**	NEC: CATV CM CEC: CM	U-1000 1000	U-304.8 304.8	32.5 33.0	14.5 15.0	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.180	4.57	Duobond III + 60% Aluminum Braid 6.5Ω/M′ 21.3Ω/km	.275	6.99	75	83%	16.2	53.1	See Chart on page 6.88		
																	Sweep tested 5 MHz to 1 GHz.		
Gas-injected Foam Polyethylene Insulation • Black Polyethylene Jacket																			
Burial 80°C  CoreGuard®	**1837A**		1000	304.8	28.0	12.7	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.180	4.57	Duobond III + 60% Aluminum Braid 6.5Ω/M′ 21.3Ω/km	.275	6.99	75	83%	16.2	53.1	See Chart on page 6.88		
																	Sweep tested 5 MHz to 1 GHz.		

BCCS = Bare Copper-covered Steel • DCR = DC Resistance

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**.

Broadband Coax

CATV Cables
Series 6

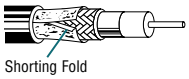
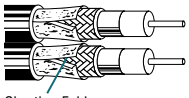
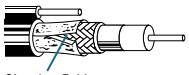
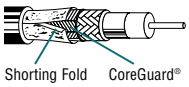
Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m
Series 6 • 18 AWG Solid .040″ Bare Copper-covered Steel • Duobond® III + 80% Aluminum Braid Shield																			
Gas-injected Foam Polyethylene Insulation • Black PVC Jacket																			
80°C 	**1613A**	NEC: CATV CM CEC: CM	U-1000 1000	U-304.8 304.8	32.0 33.0	14.5 15.0	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.180	4.57	Duobond III + 80% Aluminum Braid 5.2Ω/M′ 17.1Ω/km	.275	6.99	75	83%	16.2	53.1	See Chart on page 6.88		
												Sweep tested 5 MHz to 1 GHz.							
80°C  .051″ (1.3mm) galvanized steel messenger.	**1615AM**		1000	304.8	46.0	20.9	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.180	4.57	Duobond III + 80% Aluminum Braid 5.2Ω/M′ 17.1Ω/km	.275 x .416	6.99 x 10.57	75	83%	16.2	53.1	See Chart on page 6.88		
												Sweep tested 5 MHz to 1 GHz.							
80°C  CoreGuard® .051″ (1.3mm) galvanized steel messenger.	**1616AM**		1000	304.8	46.0	20.9	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.180	4.57	Duobond III + 80% Aluminum Braid 5.2Ω/M′ 17.1Ω/km	.275 x .416	6.99 x 10.57	75	83%	16.2	53.1	See Chart on page 6.88		
												Sweep tested 5 MHz to 1 GHz.							
Gas-injected Foam Polyethylene Insulation • Polyethylene Jacket (Black or Orange)																			
Burial 80°C  CoreGuard®	**1614A**		1000	304.8	29.0	13.2	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.180	4.57	Duobond III + 80% Aluminum Braid 5.2Ω/M′ 17.1Ω/km	.275	6.99	75	83%	16.2	53.1	See Chart on page 6.88		
												Sweep tested 5 MHz to 1 GHz.							

BCCS = Bare Copper-covered Steel • DCR = DC Resistance

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**.

Broadband Coax

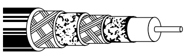
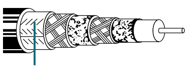
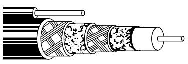
CATV Cables
Series 6

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m
Series 6 • 18 AWG Solid .040″ Bare Copper-covered Steel • Duobond Plus® + 80% Aluminum Braid Shield																			
Gas-injected Foam Polyethylene Insulation • Black PVC Jacket																			
80°C	**9058**	NEC: CATV CM CEC: CM	U-1000♦ 1000▲	U-304.8 304.8	33.0 33.0	15.0 15.0	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.180	4.57	Duobond Plus + 80% Aluminum Braid 4.6Ω/M′ 15.1Ω/km	.275	6.99	75	83%	16.2	53.1	See Chart on page 6.88		
 Shorting Fold												Sweep tested 5 MHz to 1 GHz.							
▲1000 ft. put-up also available in White. ♦U-1000 ft. put-up also available in White or Beige.																			
80°C	**9072** NEW	NEC: CATV CM CEC: CM	1000	304.8	70.0	31.8	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.180	4.57	Duobond Plus + 80% Aluminum Braid 4.6Ω/M′ 15.1Ω/km	.280 x .605	7.11 x 15.37	75	83%	16.2	53.1	See Chart on page 6.88		
 Shorting Fold												Sweep tested 5 MHz to 1 GHz.							
80°C	**9059AM**		1000	304.8	47.0	21.4	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.180	4.57	Duobond Plus + 80% Aluminum Braid 4.6Ω/M′ 15.1Ω/km	.275 x .416	6.99 x 10.57	75	83%	16.2	53.1	See Chart on page 6.88		
 Shorting Fold												Sweep tested 5 MHz to 1 GHz.							
.051″ (1.3mm) galvanized steel messenger.																			
80°C	**1260AM**		1000	304.8	47.0	21.4	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.180	4.57	Duobond Plus + 80% Aluminum Braid 4.6Ω/M′ 15.1Ω/km	.275 x .416	6.99 x 10.57	75	83%	16.2	53.1	See Chart on page 6.88		
 Shorting Fold CoreGuard®												Sweep tested 5 MHz to 1 GHz.							
.051″ (1.3mm) galvanized steel messenger.																			
Gas-injected Foam Polyethylene Insulation • Polyethylene Jacket (Black or Orange)																			
Burial 80°C	**9062**		1000	304.8	29.0	13.2	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.180	4.57	Duobond Plus + 80% Aluminum Braid 4.6Ω/M′ 15.1Ω/km	.275	6.99	75	83%	16.2	53.1	See Chart on page 6.88		
 Shorting Fold CoreGuard®												Sweep tested 5 MHz to 1 GHz.							

BC = Bare Copper • BCCS = Bare Copper-covered Steel • DCR = DC Resistance

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**.

Broadband Coax
CATV Cables
Series 6

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths Ft.	Standard Lengths m	Standard Unit Weight Lbs.	Standard Unit Weight kg	Conductor (stranding) Diameter Nom. DCR	Nominal Core OD Inch	Nominal Core OD mm	Shielding Materials Nom. DCR	Nominal OD Inch	Nominal OD mm	Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance pF/Ft.	Nominal Capacitance pF/m	Nominal Attenuation MHz	dB/ 100 Ft.	dB/ 100m
Series 6 • 18 AWG Solid .040″ Bare Copper-covered Steel • Duobond Plus® + 90% Aluminum Braid Shield																			
Gas-injected Foam Polyethylene Insulation • Black PVC Jacket																			
80°C  Shorting Fold	**1621A**	NEC: CATV CM CEC: CM	1000	304.8	34.0	15.5	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.180	4.57	Duobond Plus + 90% Aluminum Braid 3.7Ω/M′ 12.1Ω/km	.275	6.99	75	83%	16.2	53.1	See Chart on page 6.88		
Sweep tested 5 MHz to 1 GHz.																			
Series 6 • 18 AWG Solid .040″ Bare Copper-covered Steel • Duobond® IV* Quad Shield																			
Gas-injected Foam Polyethylene Insulation • Black PVC Jacket																			
80°C 	**1189A**	NEC: CATV CM CEC: CM	U-500▼ U-1000▲ 1000◆	U-152.4 U-304.8 304.8	16.0 37.0 37.0	7.3 16.8 16.8	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.180	4.57	Duobond IV 60% & 40% Aluminum Braids 4.8Ω/M′ 15.7Ω/km	.298	7.57	75	83%	16.2	53.1	See Chart on page 6.88		
Sweep tested 5 MHz to 1 GHz.																			
Plenum • Foam FEP Insulation • Natural Flamarrest® Jacket																			
75°C 	**1189AP** new	NEC: CATVP CMP CEC: CMP FT6	U-1000† 1000†	U-304.8 304.8	41.0 42.0	18.6 19.1	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.170	4.32	Duobond IV 60% & 40% Aluminum Braids 4.8Ω/M′ 15.7Ω/km	.248	6.30	75	83%	16.3	53.5	1 10 50 100 200 400 700 900 1000	.3 .7 1.6 2.2 3.0 4.6 6.6 7.7 8.2	1.0 2.2 5.2 7.2 9.8 15.1 21.7 25.3 26.9
Sweep tested 5 MHz to 1 GHz.																			
Gas-injected Foam Polyethylene Insulation • Black PVC Jacket																			
80°C  CoreGuard®	**1884A**	NEC: CATV CM CEC: CM	U-1000▸ 1000▸	U-304.8 304.8	39.0 38.0	17.7 17.3	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.180	4.57	Duobond IV 60% & 40% Aluminum Braids 4.8Ω/M′ 15.7Ω/km	.298	7.57	75	83%	16.2	53.1	See Chart on page 6.88		
Sweep tested 5 MHz to 1 GHz.																			
80°C 	**1191AM**		1000†	304.8	49.0	22.3	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.180	4.57	Duobond IV 60% & 40% Aluminum Braids 4.8Ω/M′ 15.7Ω/km	.298 x .433	7.57 x 11.00	75	83%	16.2	53.1	See Chart on page 6.88		
Sweep tested 5 MHz to 1 GHz.																			

▼U-500 ft. put-up also available in White.
▲U-1000 ft. put-up also available in White or Neutral.
◆1000 ft. put-up also available in White, Beige or Neutral.

▸1000 ft. and U-1000 ft. put-ups also available in Neutral.

.051″ (1.3mm) galvanized steel messenger.

BCCS = Bare Copper-covered Steel • DCR = DC Resistance

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**.

*Duobond IV = Duobond II + 60% aluminum braid + Duofoil® tape + 40% aluminum braid.
†Spools and/or UnReel® cartons are one piece, but length may vary ±10% for spools and ±5% for UnReel from length shown.

Broadband Coax

CATV Cables
Series 6

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m
Series 6 • 18 AWG Solid .040″ Bare Copper-covered Steel • Duobond® IV* Quad Shield																			
Gas-injected Foam Polyethylene Insulation • Polyethylene Jacket (Black or Orange)																			
Burial 80°C	**1190A**		1000	304.8	33.0	15.0	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.180	4.57	Duobond IV 60% + 40% Aluminum Braids 4.8Ω/M′ 15.7Ω/km	.298	7.57	75	83%	16.2	53.1	Sweep tested 5 MHz to 1 GHz.		See Chart on page 6.88
 CoreGuard®																			
Series 6 • 18 AWG Solid .040″ Bare Copper-covered Steel • Duofoil® + Tinned Copper Braid Shield																			
Plenum • Foam FEP Insulation • Black FEP Jacket																			
200°C	**89120**	NEC: CATVP CMP CEC: CMP FT6	500† 1000†	152.4 304.8	23.0 46.0	10.5 20.9	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.170	4.32	Duofoil 95% TC Braid 1.7Ω/M′ 5.6Ω/km	.234	5.94	75	82%	16.5	54.1	Sweep tested 5 MHz to 400 MHz.	1 10 50 100 200 400 700 900 1000	.3 .7 1.6 2.2 3.0 4.6 6.6 7.7 8.2	1.0 2.2 5.2 7.2 9.8 15.1 21.7 25.3 26.9
																			
Plenum • Foam FEP Insulation • Black Fluorocopolymer Jacket																			
150°C	**87120**	NEC: CATVP CMP CEC: CMP FT6	500† 1000†	152.4 304.8	22.5 44.0	10.2 20.0	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.170	4.32	Duofoil 95% TC Braid 1.7Ω/M′ 5.6Ω/km	.234	5.94	75	82%	16.5	54.1	Sweep tested 5 MHz to 400 MHz.	1 10 50 100 200 400 700 900 1000	.3 .7 1.6 2.2 3.0 4.6 6.6 7.7 8.2	1.0 2.2 5.2 7.2 9.8 15.1 21.7 25.3 26.9
																			
Plenum • Foam FEP Insulation • Natural Flamarrest® Jacket																			
75°C	**82120**	NEC: CATVP CMP CEC: CMP FT6	1000†	304.8	44.0	20.0	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.170	4.32	Duofoil 95% TC Braid 1.7Ω/M′ 5.6Ω/km	.234	5.94	75	82%	16.5	54.1	Sweep tested 5 MHz to 400 MHz.	1 10 50 100 200 400 700 900 1000	.3 .7 1.6 2.2 3.0 4.6 6.6 7.7 8.2	1.0 2.2 5.2 7.2 9.8 15.1 21.7 25.3 26.9
																			
Plenum • Foam FEP Insulation • Snow Beige Tint FEP Jacket																			
200°C	**1152A**	NEC: CMP CEC: CMP FT6	500† 1000†	152.4 304.8	29.0 53.0	13.2 24.1	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.170	4.32	(2) Duofoil Shields + (2) TC Braids 1.8Ω/M′ 5.9Ω/km	.273	6.93	75	82%	16.5	54.1	Sweep tested 5 MHz to 400 MHz.	1 10 50 100 200 400 700 900 1000	.3 .7 1.6 2.2 3.0 4.6 6.6 7.7 8.2	1.0 2.2 5.2 7.2 9.8 15.1 21.7 25.3 26.9
																			

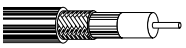
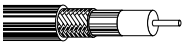
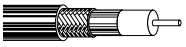
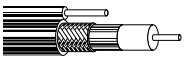
BCCS = Bare Copper-covered Steel • DCR = DC Resistance • TC = Tinned Copper

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**.

*Duobond IV = Duobond II + 60% aluminum braid + Duofoil tape + 40% aluminum braid.
†Spools and/or UnReel® cartons are one piece, but length may vary ±10% for spools and ±5% for UnReel from length shown.

Broadband Coax

CATV Cables
Series 11

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths Ft.	Standard Lengths m	Standard Unit Weight Lbs.	Standard Unit Weight kg	Conductor (stranding) Diameter Nom. DCR	Nominal Core OD Inch	Nominal Core OD mm	Shielding Materials Nom. DCR	Nominal OD Inch	Nominal OD mm	Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance pF/Ft.	Nominal Capacitance pF/m	Nominal Attenuation MHz	Nominal Attenuation dB/ 100 Ft.	Nominal Attenuation dB/ 100m
Series 11 • 14 AWG Solid .064″ Bare Copper-covered Steel • Duofoil® + 40% Aluminum Braid Shield																			
Gas-injected Foam Polyethylene Insulation • Black PVC Jacket																			
80°C	**9011**		1000	304.8	66.0	30.0	14 AWG (solid) .064″ BCCS 11.0Ω/M′ 36.1Ω/km	.280	7.11	Duofoil + 40% Aluminum Braid 5.3Ω/M′ 17.4Ω/km	.400	10.16	75	83%	16.2	53.1	See Chart on page 6.88		
																			
																	Sweep tested 5 MHz to 1 GHz.		
Series 11 • 14 AWG Solid .064″ Bare Copper-covered Steel • Duobond® II + 60% Aluminum Braid Shield																			
Gas-injected Foam Polyethylene Insulation • Black PVC Jacket																			
80°C	**1523A**	NEC: CATV CM CEC: CM	1000	304.8	63.0	28.6	14 AWG (solid) .064″ BCCS 11.0Ω/M′ 36.1Ω/km	.280	7.11	Duobond II + 60% Aluminum Braid 4.1Ω/M′ 13.4Ω/km	.400	10.16	75	83%	16.2	53.1	See Chart on page 6.88		
																			
																	Sweep tested 5 MHz to 1 GHz.		
80°C	**1523AN**		1000	304.8	68.0	30.9	14 AWG (solid) .064″ BCCS 11.0Ω/M′ 36.1Ω/km	.280	7.11	Duobond II + 60% Aluminum Braid 4.1Ω/M′ 13.4Ω/km	.400	10.16	75	83%	16.2	53.1	See Chart on page 6.88		
																			
																	Sweep tested 5 MHz to 1 GHz.		
80°C	**1523R**	NEC: CATVR CMR CEC: CMR FT4	500 1000	152.4 304.8	34.0 70.0	15,4 31.8	14 AWG (solid) .064″ BCCS 11.0Ω/M′ 36.1Ω/km	.280	7.11	Duobond II + 60% Aluminum Braid 4.1Ω/M′ 13.4Ω/km	.400	10.16	75	83%	16.2	53.1	See Chart on page 6.88		
																			
																	Sweep tested 5 MHz to 1 GHz.		
Plenum • Foam FEP Insulation • Black Fluorocopolymer Jacket																			
150°C	**1523AP**	NEC: CATVP CMP CEC: CMP FT6	1000†	304.8	62.0	28.2	14 AWG (solid) .064″ BCCS 11.0Ω/M′ 36.1Ω/km	.274	6.96	Duobond II + 60% Aluminum Braid 4.1Ω/M′ 13.4Ω/km	.348	8.84	75	83%	16.3	53.5	1 10 50 100 200 400 700 900 1000	.2 .4 1.0 1.4 2.3 3.7 5.3 6.4 6.9	.6 1.3 3.3 4.6 7.5 12.1 17.4 21.0 22.6
																			
																	Sweep tested 5 MHz to 1 GHz.		
Gas-injected Foam Polyethylene Insulation • Black PVC Jacket																			
80°C	**1524AM**		1000	304.8	85.0	38.6	14 AWG (solid) .064″ BCCS 11.0Ω/M′ 36.1Ω/km	.280	7.11	Duobond II + 60% Aluminum Braid 4.1Ω/M′ 13.4Ω/km	.400 x .580	10.16 x 14.73	75	83%	16.2	53.1	See Chart on page 6.88		
																			
.072″ (1.83mm) galvanized steel messenger.																	Sweep tested 5 MHz to 1 GHz.		
Gas-injected Foam Polyethylene Insulation • Polyethylene Jacket (Black or Orange)																			
Burial 80°C	**1525A**		1000	304.8	60.0	27.3	14 AWG (solid) .064″ BCCS 11.0Ω/M′ 36.1Ω/km	.280	7.11	Duobond II + 60% Aluminum Braid 4.1Ω/M′ 13.4Ω/km	.400	10.16	75	83%	16.2	53.1	See Chart on page 6.88		
 CoreGuard®																			
																	Sweep tested 5 MHz to 1 GHz.		

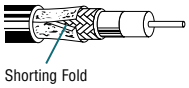
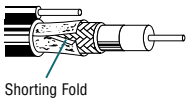
BCCS = Bare Copper-covered Steel • DCR = DC Resistance

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**.

† Spools are one piece, but length may vary ±10% from length shown.

Broadband Coax

CATV Cables
Series 11

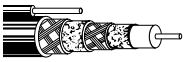
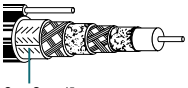
Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m
Series 11 • 14 AWG Solid .064″ Bare Copper-covered Steel • Duobond Plus® + 77% Aluminum Braid Shield																			
Gas-injected Foam Polyethylene Insulation • Black PVC Jacket																			
80°C  Shorting Fold	**9064**	NEC: CATV CM CEC: CM	1000	304.8	68.0	30.9	14 AWG (solid) .064″ BCCS 11.0Ω/M′ 36.1Ω/km	.280	7.11	Duobond Plus + 77% Aluminum Braid 3.8Ω/M′ 12.5Ω/km	.400	10.16	75	83%	16.2	53.1	Sweep tested 5 MHz to 1 GHz.		See Chart on page 6.88
80°C  Shorting Fold	**9065M**		1000	304.8	86.0	39.1	14 AWG (solid) .064″ BCCS 11.0Ω/M′ 36.1Ω/km	.280	7.11	Duobond Plus + 77% Aluminum Braid 3.8Ω/M′ 12.5Ω/km	.400 x .580	10.16 x 14.73	75	83%	16.2	53.1	Sweep tested 5 MHz to 1 GHz.		See Chart on page 6.88
.072″ (1.83mm) galvanized steel messenger.																			
Gas-injected Foam Polyethylene Insulation • Polyethylene Jacket (Black or Orange)																			
Burial 80°C  Shorting Fold CoreGuard®	**9764**		1000	304.8	60.0	27.3	14 AWG (solid) .064″ BCCS 11.0Ω/M′ 36.1Ω/km	.280	7.11	Duobond Plus + 77% Aluminum Braid 3.8Ω/M′ 12.5Ω/km	.400	10.16	75	83%	16.2	53.1	Sweep tested 5 MHz to 1 GHz.		See Chart on page 6.88

BCCS = Bare Copper-covered Steel • DCR = DC Resistance

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**.

Broadband Coax

CATV Cables
Series 11

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m
Series 11 • 14 AWG Solid .064″ Bare Copper-covered Steel • Duobond® IV* Quad Shield																			
Gas-injected Foam Polyethylene Insulation • Black PVC Jacket																			
80°C	**1617A**	NEC: CATV CM CEC: CM	1000	304.8	67.0	30.5	14 AWG (solid) .064″ BCCS 11.0Ω/M′ 36.1Ω/km	.280	7.11	Duobond IV 60% & 40% Aluminum Braids 3.0Ω/M′ 9.8Ω/km	.407	10.34	75	83%	16.2	53.1	See Chart on page 6.88		
 CoreGuard®																			
																	Sweep tested 5 MHz to 1 GHz.		
80°C	**1619AM**		1000	304.8	84.0	38.2	14 AWG (solid) .064″ BCCS 11.0Ω/M′ 36.1Ω/km	.280	7.11	Duobond IV 60% & 40% Aluminum Braids 3.0Ω/M′ 9.8Ω/km	.407 x .560	10.34 x 14.22	75	83%	16.2	53.1	See Chart on page 6.88		
 .072″ (1.83mm) galvanized steel messenger.																			
																	Sweep tested 5 MHz to 1 GHz.		
80°C	**1620AM**		1000	304.8	86.0	39.1	14 AWG (solid) .064″ BCCS 11.0Ω/M′ 36.1Ω/km	.280	7.11	Duobond IV 60% & 40% Aluminum Braids 3.0Ω/M′ 9.8Ω/km	.407 x .560	10.34 x 14.22	75	83%	16.2	53.1	See Chart on page 6.88		
 CoreGuard®																			
.072″ (1.83mm) galvanized steel messenger.																			
																	Sweep tested 5 MHz to 1 GHz.		
Gas-injected Foam Polyethylene Insulation • Black Polyethylene Jacket																			
Burial 80°C	**1618A**		1000	304.8	61.0	27.7	14 AWG (solid) .064″ BCCS 11.0Ω/M′ 36.1Ω/km	.280	7.11	Duobond IV 60% & 40% Aluminum Braids 3.0Ω/M′ 9.8Ω/km	.407	10.34	75	83%	16.2	53.1	See Chart on page 6.88		
 CoreGuard®																			
																	Sweep tested 5 MHz to 1 GHz.		
Series 11 • 14 AWG Solid .064″ Bare Copper-covered Steel • Duofoil® + Tinned Copper Braids Shield																			
Plenum • Foam FEP Insulation • Snow Beige FEP Jacket																			
200°C	**1153A**	NEC: CMP CL2P CEC: CMP FT6	500† 1000†	152.4 304.8	52.5 106.0	23.9 48.2	14 AWG (solid) .064″ BCCS 11.0Ω/M′ 36.1Ω/km	.280	7.11	(2) Duofoil Shields + (2) TC Braids 1.8Ω/M′ 5.9Ω/km	.387	9.83	75	82%	16.2	53.1	1 10 50 100 200 400 700 900 1000	.2 .4 1.2 1.7 2.5 3.5 4.6 5.3 5.6	.7 1.3 3.9 5.6 8.2 11.5 15.1 17.4 18.4
																			
																	Sweep tested 5 MHz to 400 MHz.		

BCCS = Bare Copper-covered Steel • DCR = DC Resistance • TC = Tinned Copper

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**.

*Duobond IV = Duobond II + 60% aluminum braid + Duofoil tape + 40% aluminum braid.
†Spools are one piece, but length may vary ±10% from length shown.

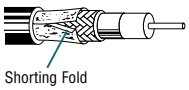
Broadband Coax

Headend/Video Cables

20 AWG Solid .032″ Silver-plated, Copper-covered Steel • Duobond Plus® + 95% Aluminum Braid Shield

Gas-injected Foam Polyethylene Insulation • PVC Jacket (Available in 12 colors)◆

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths Ft.	Standard Lengths m	Standard Unit Weight Lbs.	Standard Unit Weight kg	Conductor (stranding) Diameter Nom. DCR	Nominal Core OD Inch	Nominal Core OD mm	Shielding Materials Nom. DCR	Nominal OD Inch	Nominal OD mm	Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance pF/Ft.	Nominal Capacitance pF/m	Nominal Attenuation MHz	Nominal Attenuation dB/ 100 Ft.	Nominal Attenuation dB/ 100m
80°C	**9167**	NEC: CATVR CMR CEC: CMR FT4	1000◆	304.8	28.0	12.7	20 AWG (solid) .032″ SPCCS 25.8Ω/M′ 84.6Ω/km	.144	3.66	Duobond Plus + 95% Aluminum Braid 4.5Ω/M′ 14.8Ω/km	.242	6.15	75	83%	16.2	53.1	See Chart on page 6.88		



Sweep tested 5 MHz to 1 GHz.

◆Available in Black, Gray, White, Red, Blue, Yellow, Brown, Orange, Green, Violet, Tan, or Pink.

20 AWG Solid .032″ Bare Copper • Duofoil® + 95% Tinned Copper Braid Shield

Gas-injected Foam HDPE Insulation • PVC Jacket (Available in 10 colors)◆

SDI/HDTV Digital Video 75°C	**1505A**	NEC: CMR CEC: CMG FT4	500▲	152.4	17.5	8.0	20 AWG (solid) .032″ BC 10.0Ω/M′ 32.8Ω/km	.145	3.68	Duofoil + 95% TC Braid 3.8Ω/M′ 12.5Ω/km	.234	5.94	75	83%	16.3	53.5	1	.3	1.0
			1000◆	304.8	36.0	16.4											3.6	.6	1.8
			5000◆	1524.0	165.4	75.2											10	.9	2.9
																	71.5	2.1	6.9
																	135	2.7	8.9
																	270	3.8	12.5
																	360	4.4	14.4
																	540	5.5	18.0
																	720	6.4	21.0
																	750	6.5	21.3
																	1000	7.6	24.9
																	1500	9.3	30.5
																	2250	11.6	38.0
																	3000	13.4	44.0

For Plenum version of 1505A, see 1506A.

Also available in bundled versions. See 7794A through 7798A.

100% Sweep tested. 5 MHz to 3 GHz.

▲500 ft. put-up available in Black, Red or Blue only.
◆1000 ft. and 5000 ft. put-ups available in all ten colors: Black, Brown, Red, Orange, Yellow, Green, Blue, Violet, Gray or White.

22 AWG Stranded (7x29) .031″ Bare Compacted Copper* • Double Tinned Copper Braid Shield

Gas-injected Foam HDPE Insulation • PVC Jacket (Matte Black, Red, Green, Blue, Yellow, White or Violet)

High-Flex SDI/HDTV Video Patch 75°C	**1505F** new	NEC: CM CEC: CM	1000	304.8	44.0	20.0	22 AWG (7x29) .031″ BCC 12.2Ω/M′ 40.0Ω/km	.145	3.68	TC Double Braid 95% Shield Coverage 2.4Ω/M′ 7.8Ω/km	.242	6.15	75	80%	17.0	55.7	1	.2	.7
																	3.6	.5	1.6
																	10	.9	2.9
																	71.5	2.5	8.2
																	135	3.5	11.5
																	270	5.1	16.7
																	360	6.0	19.7
																	540	7.4	24.3
																	720	8.7	28.5
																	750	8.9	29.2
																	1000	10.5	34.4
																	1500	13.3	43.6
																	2250	16.9	55.4
																	3000	20.3	66.6

100% Sweep tested. 5 MHz to 3 GHz.

*Compacted conductor combines impedance uniformity of solid conductors and “nick-resistance” of stranded conductor.

BC = Bare Copper • DCR = DC Resistance • HDPE = High-density Polyethylene • SPC = Silver-plated Copper • SPCCS = Silver-plated, Copper-covered Steel • TC = Tinned Copper

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotations of RG/U cables not listed.

Broadband Coax

Headend/Video Cables

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths Ft.	Standard Lengths m	Standard Unit Weight Lbs.	Standard Unit Weight kg	Conductor (stranding) Diameter Nom. DCR	Nominal Core OD Inch	Nominal Core OD mm	Shielding Materials Nom. DCR	Nominal OD Inch	Nominal OD mm	Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance pF/Ft.	Nominal Capacitance pF/m	Nominal Attenuation MHz	Nominal Attenuation dB/ 100 Ft.	Nominal Attenuation dB/ 100m
20 AWG Solid .031″ Bare Copper • 98% Tinned Copper Double Braid Shield																			
Polyethylene Insulation • Polyethylene Jacket (Available in Red, Yellow, Green, Light Blue, White, Orange or Black)																			
80°C	**8281**		500▲	152.4	37.0	16.8	20 AWG (solid) .031″ BC 9.9Ω/M′ 32.5Ω/km	.198	5.03	TC Double Braid 98% Shield Coverage 1.1Ω/M′ 3.6Ω/km	.305	7.75	75	66%	21.0	68.9	1	.3	.8
			1000	304.8	74.0	33.6											3.6	.5	1.8
																	10.0	.8	2.6
																	71.5	2.1	6.9
											For Plenum version of 8281, see 88281.						135	3.0	9.8
																	270	4.3	14.1
											100% Sweep tested. 5 MHz to 850 MHz.						360	5.1	16.6
																	540	6.3	20.7
																	720	7.4	24.3
																	750	7.6	24.9
▲500 ft. put-up not available in White.																	1000	9.2	30.2
Flame-retardant Semi-foam Polyethylene Insulation • PVC Jacket (Available in 10 colors)◆																			
UL AWM Style 1354 (30V 80°C)	**8281B**	NEC: CMR CEC: CMG FT4	1000	304.8	85.0	38.6	20 AWG (solid) .031″ BC 9.9Ω/M′ 32.5Ω/km	.198	5.03	TC Double Braid 98% Shield Coverage 1.1Ω/M′ 3.6Ω/km	.305	7.75	75	66%	21.0	68.9	1	.3	.8
																	3.6	.5	1.8
																	10.0	.8	2.6
																	71.5	2.1	6.9
											For Plenum version of 8281B, see 88281.						135	3.0	9.8
																	270	4.4	14.4
											100% Sweep tested. 5 MHz to 850 MHz.						360	5.1	16.6
																	540	6.6	21.5
																	720	7.8	25.4
																	750	8.0	26.2
◆8281B available in Brown, Red, Orange, Yellow, Green, Blue, Violet, Gray, White or Black.																	1000	10.2	33.5
22 AWG Stranded (7x29) .031″ Bare Compacted Copper* • Double Tinned Copper Braid Shield																			
Polyethylene Insulation • PVC Jacket (Matte Red, Blue, Green, Gray or Black)																			
High-Flex 60°C	**8281F**		500◗	152.4	32.0	14.5	22 AWG (7x29) .031″ BCC 12.2Ω/M′ 40.0Ω/km	.193	4.90	TC Double Braid 98% Shield Coverage 1.7Ω/M′ 5.6Ω/km	.305	7.75	75	66%	21.0	68.9	1	.3	.9
			1000	304.8	65.0	29.5											3.6	.5	1.7
																	10.0	.9	2.9
																	71.5	2.5	8.0
																	135	3.6	11.6
											100% Sweep tested. 5 MHz to 850 MHz.						270	5.1	16.7
																	360	6.0	19.7
																	540	7.4	24.3
																	720	8.7	28.5
																	750	8.9	29.2
◗500 ft. put-up available in Black only.																	1000	10.5	34.4
Composite Cable: 20 AWG Coax with Duobond® + TC Braid • (2) **22 AWG** Stranded (7x30) Twisted Pairs Individually Beldfoil® Shielded																			
Gas-injected Foam Polyethylene (Coax) **and Polyolefin** (Pairs) **Insulation • PVC Jacket** (Available in 10 colors)†																			
Siamese Construction 80°C	**7721A** new	NEC: CATV CM CEC: CM	500	152.4	32.0	14.5	1 Coax: Series 59 20 AWG (solid) .032″ SPC 10.1Ω/M′ 33.1Ω/km	.145 Coax OD: .235	3.68 5.97	Duobond II + 95% TC Braid 3.5Ω/M′ 11.5Ω/km	.235 x .511	5.97 x 12.98	75	83%	16.2	53.1	1	.3	1.0
			1000	304.8	64.0	29.1											4	.6	1.8
																	10	.9	2.9
																	55	1.8	6.0
																	211	3.6	11.8
																	450	5.3	17.5
																	550	5.9	19.4
																	750	7.0	22.9
																	870	7.5	24.7
																	1000	8.1	26.5
							2 Pair: 22 AWG (stranded) (7x30) .030″ TC 10.0Ω/M′ 32.8Ω/km Black & Red, Green & White	Pair OD: .046	1.17	Individually Beldfoil Shielded 100% Shield Coverage w/Drain Wire 14.1Ω/M′ 46.3Ω/km	—	—	45	66%	34.0	111.5	—	—	—
											Sweep tested 5 MHz to 1 GHz.								

†Available in Black, Red, Brown, Orange, Green, Yellow, Blue, Violet, Gray or White.

BC = Bare Copper • BCC = Bare Compacted Copper • DCR = DC Resistance • SPC = Silver-plated Copper • SPCCS = Silver-plated, Copper-covered Steel • TC = Tinned Copper

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotations of RG/U cables not listed.

*Compacted conductor combines impedance uniformity of solid conductors and "nick-resistance" of stranded conductor.

DBS Cable

Series 59 and Series 6

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m
Series 59 • 20 AWG Solid .032″ Bare Copper-covered Steel • Duobond® II + 40% Aluminum Braid Shield																			
Gas-injected Foam Polyethylene Insulation • Black PVC Jacket																			
80°C	**1830A**	NEC: CATV CM CEC: CM	U-1000	U-304.8	24.0	10.9	20 AWG (solid) .032″ BCCS 44.5Ω/M′ 146.0Ω/M′	.144	3.66	Duobond II + 40% Aluminum Braid 17.0Ω/M′ 55.8Ω/km	.237	6.02	75	83%	16.2	53.1	5 55 211 500 750 862 1000 1450 1800 2250	.8 1.8 3.4 5.2 6.5 7.0 7.7 9.3 10.3 11.9	2.5 6.0 11.0 17.1 21.4 22.9 25.2 30.5 33.8 39.0
											Sweep tested 950 MHz to 2.25 GHz.								
Series 6 • 18 AWG Solid .040″ Bare Copper or Bare Copper-covered Steel Cond. (see below) • Duobond II + 60% Aluminum Braid Shield																			
Gas-injected Foam Polyethylene Insulation • PVC Jacket (Black, Gray or White)																			
80°C	**1829A**	NEC: CATV CM CEC: CM	U-1000▲ 1000▲	U-304.8 304.8	31.0 31.0	14.1 14.1	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.180	4.57	Duobond II + 60% Aluminum Braid 9.0Ω/M′ 29.5Ω/km	.270	6.86	75	83%	16.2	53.1	5 55 211 500 750 862 1000 1450 1800 2250	.5 1.4 2.6 4.1 5.1 5.5 6.0 7.9 8.4 10.1	1.6 4.6 8.5 13.5 16.7 18.0 19.7 25.9 27.6 33.1
											Sweep tested 950 MHz to 2.25 GHz.								
▲1000 ft. and U-1000 ft. put-ups also available in Beige.																			
80°C	**1829AC**	NEC: CATV CM CEC: CM	U-1000 1000	U-304.8 304.8	31.0 31.0	14.1 14.1	18 AWG (solid) .040″ BC 6.4Ω/M′ 21.0Ω/km	.180	4.57	Duobond II + 60% Aluminum Braid 9.0Ω/M′ 29.5Ω/km	.270	6.86	75	83%	16.2	53.1	5 55 211 500 750 862 1000 1450 1800 2250 3000	.5 1.4 2.6 4.1 5.1 5.5 6.0 7.9 8.4 10.1 11.0	1.6 4.6 8.5 13.5 16.7 18.0 19.7 25.9 27.6 33.1 36.1
											Sweep tested 950 MHz to 2.25 GHz.								
Gas-injected Foam Polyethylene Insulation • Black Polyethylene Jacket																			
Burial 80°C CoreGuard®	**1829B** new		1000	304.8	27.0	12.3	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.180	4.57	Duobond II + 60% Aluminum Braid 9.0Ω/M′ 29.5Ω/km	.270	6.86	75	83%	16.2	53.1	5 55 211 500 750 862 1000 1450 1800 2250	.5 1.4 2.6 4.1 5.1 5.5 6.0 7.9 8.4 10.1	1.6 4.6 8.5 13.5 16.7 18.0 19.7 25.9 27.6 33.1
											Sweep tested 950 MHz to 2.25 GHz.								
Burial 80°C CoreGuard®	**1829BC** new		1000	304.8	28.0	12.7	18 AWG (solid) .040″ BC 6.4Ω/M′ 21.0Ω/km	.180	4.57	Duobond II + 60% Aluminum Braid 9.0Ω/M′ 29.5Ω/km	.270	6.86	75	83%	16.2	53.1	5 55 211 500 750 862 1000 1450 1800 2250 3000	.5 1.4 2.6 4.1 5.1 5.5 6.0 7.9 8.4 10.1 11.0	1.6 4.6 8.5 13.5 16.7 18.0 19.7 25.9 27.6 33.1 36.1
											Sweep tested 950 MHz to 2.25 GHz.								

BC = Bare Copper • BCCS = Bare Copper-covered Steel • DCR = DC Resistance

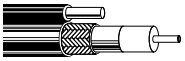
DBS Cable
Series 6

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m

Series 6 • 18 AWG Solid .040″ Bare Copper or Bare Copper-covered Steel Cond. (see below) • Duobond® II + 60% AL Braid Shield *(cont'd)*

Gas-injected Foam Polyethylene Insulation • Black PVC Jacket

80°C **1839A** — 1000 | 304.8 | 42.0 | 19.1 | 18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km | .180 | 4.57 | Duobond II + 60% Aluminum Braid 9.0Ω/M′ 29.5Ω/km | .270 x .405 | 6.86 x 10.29 | 75 | 83% | 16.2 | 53.1

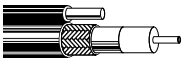


Sweep tested 950 MHz to 2.25 GHz.

MHz	dB/ 100 Ft.	dB/ 100m
5	.5	1.6
55	1.4	4.6
211	2.6	8.5
500	4.1	13.5
750	5.1	16.7
862	5.5	18.0
1000	6.0	19.7
1450	7.9	25.9
1800	8.4	27.6
2250	10.1	33.1

.045″ (1.14mm) copper-covered steel, static ground.

80°C **1839AC** new — 1000▲ | 304.8 | 43.0 | 19.5 | 18 AWG (solid) .040″ BC 6.4Ω/M′ 21.0Ω/km | .180 | 4.57 | Duobond II + 60% Aluminum Braid 9.0Ω/M′ 29.5Ω/km | .270 x .405 | 6.86 x 10.29 | 75 | 83% | 16.2 | 53.1



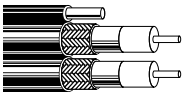
Sweep tested 950 MHz to 2.25 GHz.

MHz	dB/ 100 Ft.	dB/ 100m
5	.5	1.6
55	1.4	4.6
211	2.6	8.5
500	4.1	13.5
750	5.1	16.7
862	5.5	18.0
1000	6.0	19.7
1450	7.9	25.9
1800	8.4	27.6
2250	10.1	33.1
3000	11.0	36.1

▲1000 ft. put-up also available in Gray or White.
.045″ (1.14mm) copper-covered steel static ground.

Gas-injected Foam Polyethylene Insulation • Black PVC Jacket

80°C **1840A** — 500 | 152.4 | 37.0 | 16.8 / 1000 | 304.8 | 74.0 | 33.6 | 18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km | .180 | 4.57 | Duobond II + 60% Aluminum Braid 9.0Ω/M′ 29.5Ω/km | .273 x .703 | 6.93 x 17.86 | 75 | 83% | 16.2 | 53.1

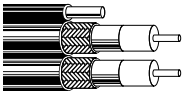


Sweep tested 950 MHz to 2.25 GHz.

MHz	dB/ 100 Ft.	dB/ 100m
5	.5	1.6
55	1.4	4.6
211	2.6	8.5
500	4.1	13.5
750	5.1	16.7
862	5.5	18.0
1000	6.0	19.7
1450	7.9	25.9
1800	8.4	27.6
2250	10.1	33.1

.045″ (1.14mm) copper-covered steel static ground.

80°C **1840AC** new — 500▲ | 152.4 | 38.5 | 17.5 | 18 AWG (solid) .040″ BC 6.4Ω/M′ 21.0Ω/km | .180 | 4.57 | Duobond II + 60% Aluminum Braid 9.0Ω/M′ 29.5Ω/km | .273 x .703 | 6.93 x 17.86 | 75 | 83% | 16.2 | 53.1



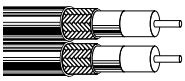
Sweep tested 950 MHz to 2.25 GHz.

MHz	dB/ 100 Ft.	dB/ 100m
5	.5	1.6
55	1.4	4.6
211	2.6	8.5
500	4.1	13.5
750	5.1	16.7
862	5.5	18.0
1000	6.0	19.7
1450	7.9	25.9
1800	8.4	27.6
2250	10.1	33.1
3000	11.0	36.1

▲500 ft. put-up also available in Gray or White.
.045″ (1.14mm) copper-covered steel static ground.

Gas-injected Foam Polyethylene Insulation • Black PVC Jacket

80°C **1841A** NEC: CATV CM CEC: CM — 1000 | 304.8 | 66.0 | 30.0 | 18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km | .180 | 4.57 | Duobond II + 60% Aluminum Braid 9.0Ω/M′ 29.5Ω/km | .273 x .595 | 6.93 x 15.11 | 75 | 83% | 16.2 | 53.1

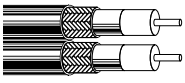


Sweep tested 950 MHz to 2.25 GHz.

MHz	dB/ 100 Ft.	dB/ 100m
5	.5	1.6
55	1.4	4.6
211	2.6	8.5
500	4.1	13.5
750	5.1	16.7
862	5.5	18.0
1000	6.0	19.7
1450	7.9	25.9
1800	8.4	27.6
2250	10.1	33.1

Gas-injected Foam Polyethylene Insulation • PVC Jacket (Black, Gray or White)

80°C **1841AC** new NEC: CATV CM CEC: CM — 500 | 152.4 | 33.0 | 15.0 | 18 AWG (solid) .040″ BC 6.4Ω/M′ 21.0Ω/km | .180 | 4.57 | Duobond II + 60% Aluminum Braid 9.0Ω/M′ 29.5Ω/km | .273 x .595 | 6.93 x 15.11 | 75 | 83% | 16.2 | 53.1

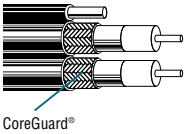


Sweep tested 950 MHz to 2.25 GHz.

MHz	dB/ 100 Ft.	dB/ 100m
5	.5	1.6
55	1.4	4.6
211	2.6	8.5
500	4.1	13.5
750	5.1	16.7
862	5.5	18.0
1000	6.0	19.7
1450	7.9	25.9
1800	8.4	27.6
2250	10.1	33.1
3000	11.0	36.1

AL = Aluminum • BC = Bare Copper • BCCS = Bare Copper-covered Steel • DCR = DC Resistance

DBS Cable
Series 6

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m
Series 6 • 18 AWG Solid .040″ Bare Copper-covered Steel Conductor • Duobond® II + 60% Aluminum Braid Shield																			
Gas-injected Foam Polyethylene Insulation • Black Polyethylene Jacket																			
Burial 80°C	**1843A**		500 1000	152.4 304.8	32.5 64.0	14.8 29.1	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.180	4.57	Duobond II + 60% Aluminum Braid 9.0Ω/M′ 29.5Ω/km	.273 x .750	6.93 x 19.05	75	83%	16.2	53.1	5 55 211 500 750 862 1000 1450 1800 2250	.5 1.4 2.6 4.1 5.1 5.5 6.0 7.9 8.4 10.1	1.6 4.6 8.5 13.5 16.7 18.0 19.7 25.9 27.6 33.1
 CoreGuard®											Sweep tested 950 MHz to 2.25 GHz.								
.045″ (1.14mm) copper-covered steel static ground.																			
Series 6 • 18 AWG Solid .040″ Bare Copper Conductor • Duobond + Aluminum Braid(s) Shield																			
Gas-injected Foam Polyethylene Insulation • PVC Jacket (Black or White)																			
80°C	**7915A** new	NEC: CATV CM CEC: CM	U-500 500 U-1000 1000	U-152.4 152.4 U-304.8 304.8	16.0 18.0 34.0 34.0	7.3 8.2 15.5 15.5	18 AWG (solid) .040″ BC 6.4Ω/M′ 21.0Ω/km	.180	4.57	Duobond Plus®+ 80% Aluminum Braid 4.6Ω/M′ 15.1Ω/km	.275	6.99	75	83%	16.2	53.1	5 55 211 500 750 862 1000 1450 1800 2250	.5 1.4 2.6 4.1 5.1 5.5 6.0 7.9 8.4 10.1	1.6 4.6 8.5 13.5 16.7 18.0 19.7 25.9 27.6 33.1
 Shorting Fold											Sweep tested 5 MHz to 2.25 GHz.								
80°C	**7916A** new	NEC: CATV CM CEC: CM	U-500 500 U-1000 1000	U-152.4 152.4 U-304.8 304.8	18.0 20.0 37.0 37.0	8.2 9.1 16.8 16.8	18 AWG (solid) .040″ BC 6.4Ω/M′ 21.0Ω/km	.180	4.57	Duobond IV* 60% & 40% Aluminum Braids 4.8Ω/M′ 15.7Ω/km	.298	7.57	75	83%	16.2	53.1	5 55 211 500 750 862 1000 1450 1800 2250	.5 1.4 2.6 4.1 5.1 5.5 6.0 7.9 8.4 10.1	1.6 4.6 8.5 13.5 16.7 18.0 19.7 25.9 27.6 33.1
											Sweep tested 5 MHz to 2.25 GHz.								

BC = Bare Copper • BCCS = Bare Copper-covered Steel • DCR = DC Resistance

*Duobond IV = Duobond II + 60% aluminum braid + Duofoil® tape + 40% aluminum braid.

Standard Analog Video Cable

75 Ohm Miniature Coax

BRILLIANCE®

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m
30 AWG Stranded (7x38) .012″ Tinned Copper • 89% Tinned Copper Braid Shield																			
Foam HDPE Insulation • Black PVC Jacket																			
UL AWM Style 1375 (30V 60°C)	**9221**		100 U-500 500	30.5 U-152.4 152.4	2.3 3.5 4.5	1.0 1.6 2.0	30 AWG (7x38) .012″ TC 100.0Ω/M′ 328.0Ω/km	.058	1.47	TC Braid 89% Shield Coverage 11.7Ω/M′ 38.4Ω/km	.097	2.46	75	78%	17.3	56.8	1 4 5 10 50 100 200 400 1000	.7 1.3 1.6 2.2 5.1 7.3 10.5 15.5 26.6	2.3 4.3 5.2 7.2 16.7 23.9 34.4 50.9 87.3
27 AWG Stranded (7x35) .017″ Bare Copper-covered Steel • 93% Tinned Copper Braid Shield																			
Polyethylene Insulation • Black PVC Jacket																			
UL AWM Style 1354 (30V 60°C)	**8218**		U-500 500 U-1000 1000	U-152.4 152.4 U-304.8 304.8	8.0 8.0 16.0 16.0	3.6 3.6 7.3 7.3	27 AWG (7x35) .017″ BCCS 120.0Ω/M′ 393.7Ω/km	.100	2.54	TC Braid 93% Shield Coverage 5.7Ω/M′ 18.7Ω/km	.150	3.81	75	66%	20.5	67.3	1 10 50 100 200 400 700 900 1000	1.2 2.4 4.2 5.7 8.3 12.1 16.5 19.0 20.0	3.9 7.9 13.8 18.7 27.2 39.7 54.1 62.3 65.6

BCCS = Bare Copper-covered Steel • DCR = DC Resistance • HDPE = High-density Polyethylene • TC = Tinned Copper

Standard Analog Video Cable

RG-59/U Type

BRILLIANCE®

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m
23 AWG Solid .023″ Bare Copper or Bare Copper-covered Steel Conductor (see below) • 95% Bare Copper Braid Shield																			
Polyethylene Insulation • Black PVC Jacket																			
UL AWM Style 1354 (30V 75°C)	**8241**	NEC: CMX CEC: CMX	100 U-500 500 U-1000▲ 1000 2000 5000	30.5 U-152.4 152.4 U-304.8 304.8 609.6 1524.0	5.0 20.5 22.5 40.0 41.0 82.0 205.0	2.3 9.3 10.2 18.2 18.6 37.3 93.2	23 AWG (solid) .023″ BCCS 49.0Ω/M′ 160.7Ω/km	.146	3.71	BC Braid 95% Shield Coverage 2.6Ω/M′ 8.5Ω/km	.242	6.15	75	66%	20.5	67.3	1 10 50 100 200 400 700 900 1000	.6 1.1 2.4 3.4 4.9 7.0 9.7 11.1 12.0	2.0 3.6 7.9 11.2 16.1 23.0 31.8 36.4 39.4
											For Plenum versions of 8241, see 88241 or 82241.								
▲U-1000 ft. put-up also available in Red, Yellow, Green, Lt. Blue, White or Orange.																			
Flame-retardant Semi-foam Polyethylene Insulation • Black PVC Jacket																			
UL AWM Style 1354 (30V 75°C)	**8241A**	NEC: CMG CEC: CMG FT4	U-1000 1000	U-304.8 304.8	42.0 43.0	19.1 19.5	23 AWG (solid) .023″ BCCS 49.0Ω/M′ 160.7Ω/km	.146	3.71	BC Braid 95% Shield Coverage 2.6Ω/M′ 8.5Ω/km	.242	6.15	75	66%	20.5	67.3	1 5 10 50 100 200 400 700 900 1000	.6 .9 1.1 2.4 3.4 4.9 7.0 10.1 11.7 13.2	2.0 3.0 3.6 7.9 11.2 16.1 23.0 33.1 38.2 43.3
Polyethylene Insulation • Black PVC Jacket																			
UL AWM Style 1354 (30V 80°C)	**8241B**	NEC: CM CEC: CM	U-1000 1000	U-304.8 304.8	37.0 38.0	16.8 17.3	23 AWG (solid) .023″ BC 20.4Ω/M′ 66.9Ω/km	.146	3.71	BC Braid 95% Shield Coverage 2.9Ω/M′ 9.5Ω/km	.242	6.15	75	66%	20.5	67.3	1 10 50 100 200 400 700 900 1000	.4 1.1 2.4 3.4 4.9 7.0 9.7 11.1 12.0	1.3 3.6 7.9 11.2 16.1 23.0 31.8 36.4 39.4
22 AWG Stranded (7x30) .030″ Bare Copper • 95% Bare Copper Braid Shield																			
Foam Polyethylene Insulation • PVC Jacket (Available in Matte Black, Red, Blue, Green, White, Gray or Yellow)																			
High-Flex 60°C	**8241F**		1000	304.8	34.0	15.5	22 AWG (7x30) .030″ BC 15.0Ω/M′ 49.2Ω/km	.146	3.71	BC Braid 95% Shield Coverage 2.6Ω/M′ 8.5Ω/km	.242	6.15	75	78%	17.3	56.8	1 10 50 100 200 400 700 900 1000	.3 .9 2.1 3.0 4.5 6.6 8.9 10.1 10.9	1.0 3.0 6.9 9.8 14.8 21.7 29.2 33.1 35.8
23 AWG Solid .023″ Bare Copper-covered Steel Conductor • 97% Bare Copper Braid Shield																			
Plenum • FEP Insulation • Black FEP Jacket																			
200°C	**88241**	NEC: CMP CEC: CMP FT6	500† 1000†	152.4 304.8	20.5 40.0	9.3 18.2	23 AWG (solid) .023″ BCCS 49.0Ω/M′ 160.7Ω/km	.132	3.35	BC Braid 97% Shield Coverage 2.6Ω/M′ 8.5Ω/km	.190	4.83	75	69.5%	19.5	64.0	1 10 50 100 200 400 700 900 1000	.5 1.0 2.3 3.3 5.2 8.4 11.6 13.8 14.8	1.6 3.3 7.5 10.8 17.1 27.6 38.0 45.3 48.5
Suitable for Outdoor and Direct Burial applications.																			
Plenum • FEP Insulation • Natural Flamarrest® Jacket																			
75°C	**82241**	NEC: CMP CEC: CMP FT6	U-500† U-1000† 1000†	U-152.4 U-304.8 304.8	16.0 32.0 32.0	7.3 14.5 14.5	23 AWG (solid) .023″ BCCS 49.0Ω/M′ 160.7Ω/km	.132	3.35	BC Braid 97% Shield Coverage 2.6Ω/M′ 8.5Ω/km	.190	4.83	75	69.5%	19.5	64.0	1 10 50 100 200 400 700 900 1000	.5 1.0 2.3 3.3 5.2 8.4 11.6 13.8 14.8	1.6 3.3 7.5 10.8 17.1 27.6 38.0 45.3 48.5

BC = Bare Copper • BCCS = Bare Copper-covered Steel • DCR = DC Resistance

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotations of RG/U cables not listed.

†Spools and/or UnReel® cartons are one piece, but length may vary ±10% from length shown.

Standard Analog Video Cable

RG-59/U Type

BRILLIANCE®

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths Ft.	Standard Lengths m	Standard Unit Weight Lbs.	Standard Unit Weight kg	Conductor (stranding) Diameter Nom. DCR	Nominal Core OD Inch	Nominal Core OD mm	Shielding Materials Nom. DCR	Nominal OD Inch	Nominal OD mm	Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance pF/Ft.	Nominal Capacitance pF/m	Nominal Attenuation MHz	Nominal Attenuation dB/ 100 Ft.	Nominal Attenuation dB/ 100m
22 AWG Solid Bare Copper-covered Steel • Bare Copper Braid Shield																			
Polyethylene Insulation • Black PVC Jacket																			
UL AWM Style 1354 (30V 60°C)	**8263**	NEC: CMX CEC: CMX	U-500 U-1000 1000	U-152.4 U-304.8 304.8	19.5 39.0 38.0	8.9 17.7 17.3	23 AWG (solid) .023″ BCCS 49.0Ω/M′ 160.7Ω/km	.146	3.71	BC Braid 95% Shield Coverage 2.6Ω/M′ 8.5Ω/km	.242	6.15	75	66%	20.5	67.3	1 10 50 100 200 400 700 900 1000	.6 1.1 2.4 3.4 4.9 7.0 9.7 11.1 12.0	2.0 3.6 7.9 11.2 16.1 23.0 31.8 36.4 39.4
Non-contaminating Black PVC Jacket.																			
UL AWM Style 1354 (30V 80°C)	**9244**	NEC: CMX CEC: CMX	U-500 U-1000 1000 3280	U-152.4 U-304.8 304.8 1000.0	18.0 36.0 36.0 118.1	8.2 16.4 16.4 53.8	22 AWG (solid) .025″ BCCS 50.0Ω/M′ 164.0Ω/km	.146	3.71	BC Braid 85% Shield Coverage 4.5Ω/M′ 14.8Ω/km	.242	6.15	75	66%	19.4	63.6	1 10 50 100 200 400 700 900 1000	.6 1.1 2.4 3.4 4.9 7.0 9.7 11.1 12.0	2.0 3.6 7.9 11.2 16.1 23.0 31.8 36.4 39.4
											100% Sweep tested. 5 MHz to 450 MHz.								
Foam Polyethylene Insulation • Black PVC Jacket																			
75°C	**8221**		U-500 500 U-1000 1000	U-152.4 152.4 U-304.8 304.8	18.5 18.5 36.0 36.0	8.4 8.4 16.4 16.4	22 AWG (solid) .025″ BCCS 50.0Ω/M′ 164.0Ω/km	.146	3.71	BC Braid 95% Shield Coverage 2.6Ω/M′ 8.5Ω/km	.242	6.15	80	78%	16.3	53.5	1 10 50 100 200 400 700 900 1000	.4 .9 2.0 2.9 4.1 5.9 7.8 8.8 9.9	1.4 3.0 6.6 9.5 13.4 19.4 25.6 28.9 32.5
22 AWG Stranded (7x30) .030″ Bare Copper • 95% Bare Copper Braid Shield																			
Foam Polyethylene Insulation • Black PVC Jacket																			
UL AWM Style 1354 (30V 60°C) VW-1	**9659**	NEC: CMX CEC: CMX	U-500 U-1000 1000	U-152.4 U-304.8 304.8	18.0 36.0 36.0	8.2 16.4 16.4	22 AWG (7x30) .030″ BC 15.0Ω/M′ 49.2Ω/km	.146	3.71	BC Braid 95% Shield Coverage 2.6Ω/M 8.5Ω/km	.242	6.15	75	78%	17.3	56.7	1 10 50 100 200 400 700 900 1000	.3 .9 2.1 3.0 4.5 6.6 8.9 10.1 10.9	1.0 3.0 6.9 9.8 14.8 21.6 29.2 33.1 35.8
Non-contaminating PVC Jacket. For CCTV applications.											100% Sweep tested. 5 MHz to 450 MHz.								
UL AWM Style 1354 (30V 80°C)	**9259**	NEC: CM CEC: CM	100 U-500 500 U-1000 1000	30.5 U-152.4 152.4 U-304.8 304.8	4.6 18.5 20.5 36.0 36.0	2.1 8.4 9.3 16.4 16.4	22 AWG (7x30) .030″ BC 15.0Ω/M′ 49.2Ω/km	.146	3.71	BC Braid 95% Shield Coverage 2.6Ω/M 8.5Ω/km	.241	6.12	75	78%	17.3	56.7	1 10 50 100 200 400 700 900 1000	.3 .9 2.1 3.0 4.5 6.6 8.9 10.1 10.9	1.0 3.0 6.9 9.8 14.8 21.7 29.2 33.1 35.8
For CCTV applications.											For Plenum versions of 9259, see 89259 or 82259.								
Plenum • Foam FEP Insulation • Black FEP Jacket																			
200°C	**89259**	NEC: CMP CEC: CMP FT6	100 500† 1000†	30.5 152.4 304.8	5.1 18.0 34.0	2.3 8.2 15.5	22 AWG (7x30) .030″ BC 15.0Ω/M′ 49.2Ω/km	.135	3.43	BC Braid 95% Shield Coverage 2.6Ω/M 8.5Ω/km	.193	4.90	75	78%	17.3	56.7	1 10 50 100 200 400 700 900 1000	.3 .9 2.1 3.0 4.5 6.6 9.0 10.1 11.0	1.0 3.0 6.9 9.8 14.8 21.6 29.5 33.1 36.1
Suitable for Outdoor and Direct Burial applications.																			
Plenum • Foam FEP Insulation • Natural Flamarrest® Jacket																			
75°C	**82259**	NEC: CMP CEC: CMP FT6	U-1000† 1000†	U-304.8 304.8	31.0 33.0	14.1 15.0	22 AWG (7x30) .030″ BC 15.0Ω/M′ 49.2Ω/km	.135	3.43	BC Braid 95% Shield Coverage 2.6Ω/M 8.5Ω/km	.193	4.90	75	78%	17.3	56.7	1 10 50 100 200 400 700 900 1000	.3 .9 2.1 3.0 4.5 6.6 9.0 10.1 11.0	1.0 3.0 6.9 9.8 14.8 21.6 29.5 33.1 36.1

BC = Bare Copper • BCCS = Bare Copper-covered Steel • DCR = DC Resistance

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†Spools and/or UnReel® cartons are one piece, but length may vary ±10% from length shown.

Standard Analog Video Cable

RG-59/U Type

BRILLIANCE®

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m
20 AWG Solid .032″ Bare Copper-covered Steel • Bare Copper Braid Shield																			
Foam Polyethylene Insulation • Black PVC Jacket																			
75°C	**9240**		1000†	304.8	30.0	13.6	20 AWG (solid) .032″ BCCS 44.5Ω/M′ 146.0Ω/km	.143	3.63	BC Braid 80% Shield Coverage 5.6Ω/M′ 18.4Ω/km	.241	6.12	75	78%	17.3	56.7	1 10 50 100 200 400 700 900 1000	.6 1.0 2.1 3.0 4.5 6.6 8.9 10.1 10.9	2.0 3.3 6.9 9.8 14.8 21.6 29.2 33.1 35.8
											100% Sweep tested. 5 MHz to 850 MHz.								
Foam Polyethylene Insulation • Black Polyethylene Jacket																			
80°C	**8212**		U-500 500 U-1000 1000	U-152.4 152.4 U-304.8 304.8	16.5 19.0 32.0 32.0	7.5 8.6 14.5 14.5	20 AWG (solid) .032″ BCCS 44.5Ω/M′ 146.0Ω/km	.143	3.63	BC Braid 95% Shield Coverage 2.6Ω/M′ 8.5Ω/km	.242	6.15	75	78%	17.3	56.7	1 10 50 100 200 400 700 900 1000	.6 1.0 2.1 3.0 4.5 6.6 8.9 10.1 10.9	2.0 3.3 6.9 9.8 14.8 21.6 29.2 33.1 35.8
											100% Sweep tested. 5 MHz to 450 MHz.								
Foam Polyethylene Insulation • Black PVC Jacket																			
80°C	**9274**	NEC: CM CEC: CM	500 1000	152.4 304.8	16.5 32.0	7.5 14.5	20 AWG (solid) .032″ BCCS 44.5Ω/M′ 146.0Ω/km	.143	3.63	BC Braid 95% Shield Coverage 3.5Ω/M′ 11.5Ω/km	.240	6.10	75	78%	17.3	56.7	1 10 50 100 200 400 700 900 1000	.6 1.0 2.1 3.0 4.5 6.6 8.9 10.1 10.9	2.0 3.3 6.9 9.8 14.8 21.6 29.2 33.1 35.8
											100% Sweep tested. 5 MHz to 450 MHz.								
20 AWG Solid .032″ Bare Copper Conductor • 95% Bare Copper Braid Shield																			
Gas-injected Foam HDPE Insulation • Black PVC Jacket																			
UL AWM Style 1354 (30V 75°C)	**1426A**	NEC: CM	U-1000	U-304.8	38.0	17.3	20 AWG (solid) .032″ BC 10.0Ω/M′ 32.8Ω/km	.145	3.68	BC Braid 95% Shield Coverage 2.6Ω/M 8.5Ω/km	.242	6.15	75	83%	16.3	53.5	1 10 50 100 200 400 700 900 1000	.3 .9 1.9 2.6 3.6 5.0 7.0 8.0 8.5	1.0 3.0 6.2 8.5 11.8 16.4 23.0 26.3 27.9

BC = Bare Copper • BCCS = Bare Copper-covered Steel • DCR = DC Resistance

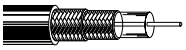
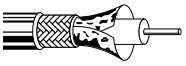
Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotations of RG/U cables not listed.

†Spools and/or UnReel® cartons are one piece, but length may vary ±5% from length shown.

Standard Analog Video Cable

RG-6/U Type

BRILLIANCE®

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths Ft.	Standard Lengths m	Standard Unit Weight Lbs.	Standard Unit Weight kg	Conductor (stranding) Diameter Nom. DCR	Nominal Core OD Inch	Nominal Core OD mm	Shielding Materials Nom. DCR	Nominal OD Inch	Nominal OD mm	Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance pF/Ft.	Nominal Capacitance pF/m	Nominal Attenuation MHz	Nominal Attenuation dB/ 100 Ft.	Nominal Attenuation dB/ 100m
21 AWG Solid .028″ Bare Copper-covered Steel • Two Bare Copper Braids (97% Shield Coverage)																			
Polyethylene Insulation • Black Polyethylene Jacket																			
MATV Cable 80°C	**8215**		1000	304.8	74.0	33.6	21 AWG (solid) .028″ BCCS 32.0Ω/M′ 105.0Ω/km	.185	4.70	(2) BC Braids 97% Shield Coverage 1.1Ω/M′ 3.6Ω/km	.332	8.43	75	66%	20.5	67.2	1 10 50 100 200 400 700 900 1000	.4 .8 1.9 2.7 4.1 5.9 8.1 9.4 9.8	1.3 2.6 6.2 8.9 13.4 19.4 26.6 30.8 32.1
											100% Sweep tested. 5 MHz to 450 MHz.								
18 AWG Solid .037″ Bare Copper • Two Bare Copper Braids (98% Shield Coverage)																			
Foam Polyethylene Insulation • Black PVC Jacket																			
80°C	**9290**	NEC: CM CEC: CM	1000 2000	304.8 609.6	60.0 120.0	27.3 54.5	18 AWG (solid) .037″ BC 7.5Ω/M′ 24.6Ω/km	.180	4.57	(2) BC Braids 98% Shield Coverage 2.0Ω/M′ 6.6Ω/km	.288	7.32	75	78%	17.3	56.7	1 10 50 100 200 400 700 900 1000	.2 .7 1.7 2.5 3.6 5.3 7.2 8.3 8.8	.7 2.3 5.6 8.2 11.8 17.4 23.6 27.2 28.9
											100% Sweep tested. 5 MHz to 450 MHz.								
18 AWG Solid .040″ Bare Copper • Duofoil® + Tinned Copper Braid Shield																			
Gas-injected Foam HDPE Insulation • Black PVC Jacket																			
UL AWM Style 1354 (30V 80°C)	**9248**	NEC: CM CEC: CM	U-500 500 U-1000 1000 1640 3280	U-152.4 152.4 U-304.8 304.8 500.0 1000.0	17.0 18.0 33.0 33.0 55.8 108.2	7.7 8.2 15.0 15.0 25.3 49.2	18 AWG (solid) .040″ BC 6.4Ω/M′ 21.0Ω/km	.180	4.57	Duofoil + 60% TC Braid 5.6Ω/M′ 18.4Ω/km	.270	6.86	75	82%	16.2	53.1	1 10 50 100 200 400 700 900 1000	.3 .7 1.5 2.0 2.8 4.0 5.3 6.1 6.5	1.0 2.3 4.9 6.6 9.2 13.1 17.4 20.0 21.3
											For Plenum versions of 9248, see 89248 or 82248. 100% Sweep tested. 5 MHz to 450 MHz.								
Plenum • Foam FEP Insulation • Black FEP Jacket																			
200°C	**89248**	NEC: CMP CEC: CMP FT6	500† 1000† 2000†	152.4 304.8 609.6	18.0 36.0 70.0	8.2 16.4 31.8	18 AWG (solid) .040″ BC 6.4Ω/M′ 21.0Ω/km	.170	4.32	Duofoil + 65% TC Braid 5.1Ω/M′ 16.7Ω/km	.222	5.64	75	82%	16.2	53.1	1 10 50 100 200 400 700 900 1000	.3 .66 1.5 2.1 3.1 4.5 6.0 6.9 7.3	1.0 2.2 4.9 6.9 10.2 14.8 19.7 22.6 23.9
											100% Sweep tested. 5 MHz to 450 MHz.								
Suitable for Outdoor and Direct Burial applications.																			
Plenum • Foam FEP Insulation • Natural Flamarrest® Jacket																			
75°C	**82248**	NEC: CMP CEC: CMP FT6	U-1000† 1000†	U-304.8 304.8	32.0 33.0	14.5 15.0	18 AWG (solid) .040″ BC 6.4Ω/M′ 21.0Ω/km	.170	4.32	Duofoil + 65% TC Braid 5.1Ω/M′ 16.7Ω/km	.222	5.64	75	82%	16.2	53.1	1 10 50 100 200 400 700 900 1000	.3 .7 1.6 2.2 3.0 4.6 6.6 7.7 8.2	1.0 2.3 5.2 7.2 9.8 15.1 21.6 25.3 26.9
											100% Sweep tested. 5 MHz to 450 MHz.								

BC = Bare Copper • BCCS = Bare Copper-covered Steel • DCR = DC Resistance • HDPE = High-density Polyethylene • TC = Tinned Copper

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotations of RG/U cables not listed.

†Spools and/or UnReel® cartons are one piece, but length may vary ±10% from length shown.

Standard Analog Video Cable

RG-11/U Type

BRILLIANCE®

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m
18 AWG Stranded (7x26) .048″ Tinned Copper • 97% Bare Copper Braid Shield																			
Flame-retardant Semi-foam Polyethylene Insulation • Black PVC Jacket																			
80°C	**8238**	NEC: CM CEC: CM	500 1000	152.4 304.8	59.0 117.0	26.8 53.2	18 AWG (7x26) .048″ TC 6.1Ω/M′ 20.0Ω/km	.285	7.24	BC Braid 97% Shield Coverage 1.2Ω/M′ 3.9Ω/km	.405	10.29	75	66%	20.5	67.2	1 10 50 100 200 400 700 900 1000	.2 .7 1.3 2.0 2.9 4.2 5.8 6.8 7.1	.6 2.2 4.3 6.6 9.5 13.8 19.0 22.3 23.3
Polyethylene Insulation • Non-contaminating Black PVC Jacket																			
60°C VW-1	**8261**		500 1000	152.4 304.8	52.5 104.0	23.9 47.3	18 AWG (7x26) .048″ TC 6.1Ω/M′ 20.0Ω/km	.285	7.24	BC Braid 97% Shield Coverage 1.2Ω/M′ 3.9Ω/km	.405	10.29	75	66%	20.5	67.2	1 10 50 100 200 400 700 900 1000	.2 .7 1.3 2.0 2.9 4.2 5.8 6.8 7.1	.6 2.2 4.3 6.6 9.5 13.8 19.0 22.3 23.3
14 AWG Solid .064″ Bare Copper • Duofoil® + Tinned Copper Braid Shield																			
Gas-injected Foam HDPE Insulation • Black PVC Jacket																			
80°C	**9292**		1000	304.8	81.0	36.8	14 AWG (solid) .064″ BC 2.6Ω/M′ 8.5Ω/km	.280	7.11	Duofoil + 60% TC Braid 3.0Ω/M′ 9.8Ω/km	.405	10.29	75	84%	16.1	52.8	1 10 50 100 200 400 700 900 1000	.2 .5 .9 1.3 1.6 2.3 3.3 4.0 4.3	.6 1.6 3.0 4.3 5.3 7.6 10.8 13.1 14.1
											For Plenum versions of 9292, see 89292.								
											100% Sweep tested. 5 MHz to 450 MHz.								
Plenum • Foam FEP Insulation • Black FEP Jacket																			
200°C	**89292**	NEC: CMP CATVP CEC: CMP FT6	500† 1000†	152.4 304.8	39.5 77.0	18.0 35.0	14 AWG (solid) .064″ BC 2.5Ω/M′ 8.2Ω/km	.274	6.96	Duofoil + 63% TC Braid 3.0Ω/M′ 9.8Ω/km	.346	8.79	75	83%	16.2	53.1	1 10 50 100 200 400 700 900 1000	.2 .4 1.0 1.5 2.2 3.3 4.5 5.2 5.5	.5 1.3 3.3 4.9 7.2 10.8 14.8 17.1 18.0
											100% Sweep tested. 5 MHz to 450 MHz.								
14 AWG Solid .064″ Bare Copper • 97% Bare Copper Braid Shield																			
Gas-injected Foam HDPE Insulation • Black Polyethylene Jacket																			
80°C	**8213**		500 1000 2000	152.4 304.8 609.6	44.0 87.0 172.0	20.0 39.5 78.2	14 AWG (solid) .064″ BC 2.6Ω/M′ 8.5Ω/km	.285	7.24	BC Braid 97% Shield Coverage 1.1Ω/M′ 3.6Ω/km	.405	10.29	75	84%	16.1	52.8	1 10 50 100 200 400 700 900 1000	.2 .4 .9 1.3 1.9 2.9 4.1 4.8 5.2	.6 1.1 3.0 4.3 6.2 9.5 13.5 15.7 17.1
											100% Sweep tested. 5 MHz to 450 MHz.								

BC = Bare Copper • DCR = DC Resistance • HDPE = High-density Polyethylene • TC = Tinned Copper

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotations of RG/U cables not listed.

†Spools and/or UnReel® cartons are one piece, but length may vary ±10% from length shown.

Precision Video Cable for Analog and Digital

Sub-Miniature RG-59/U Type

BRILLIANCE®

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m
25 AWG Stranded (19x37) .021″ Bare Copper • Duofoil® + 95% Tinned Copper Braid Shield																			
Gas-injected Foam HDPE Insulation • PVC Jacket (Available in 10 colors)*																			
75°C	**1865A**	NEC: CMR CEC: CMG FT4	1000	304.8	16.0	7.3	25 AWG (19x37) .021″ BC 27.4Ω/M′ 89.9Ω/km	.094	2.39	Duofoil + 95% TC Braid 5.4Ω/M′ 17.7Ω/km	.150	3.81	75	82%	16.5	54.1	1 3.6 10 71.5 135 270 360 540 720 750 1000 1500 2250 3000	.5 1.0 1.6 3.7 5.0 7.1 8.2 10.1 11.8 12.0 13.9 17.0 20.8 24.0	1.5 3.1 5.2 12.1 16.4 23.3 26.9 33.1 38.7 39.4 45.6 55.8 68.2 78.7
											100% Sweep tested. 5 MHz to 3 GHz.								
23 AWG Solid .023″ Bare Copper • Duofoil + 95% Tinned Copper Braid Shield																			
Gas-injected Foam HDPE Insulation • PVC Jacket (Available in 10 colors)*																			
SDI/HDTV Digital Video 75°C	**1855A**	NEC: CMR CEC: CMG FT4	500▲ 1000 U-1000◆	152.4 304.8 U-304.8	9.0 18.0 18.0	4.1 8.2 8.2	23 AWG (solid) .023″ BC 20.1Ω/M′ 65.9Ω/km	.102	2.59	Duofoil + 95% TC Braid 7.6Ω/M′ 24.9Ω/km	.159	4.03	75	83%	16.3	53.5	1 3.6 10 71.5 135 270 360 540 720 750 1000 1500 2250 3000	.4 .8 1.2 3.1 3.8 5.4 6.2 7.7 9.5 9.6 10.5 13.0 16.0 18.5	1.3 2.6 3.9 10.0 12.5 17.7 20.3 25.3 31.1 31.5 34.4 42.6 52.5 60.7
											Also available in multiples, bundled. See 7787A through 7792A.								
											100% Sweep tested. 5 MHz to 3 GHz.								

▲500 ft. put-up available in Black only.
◆U-1000 ft. put-up available in Gray only.

BC = Bare Copperr • DCR = DC Resistance • HDPE = Foam High-density Polyethylene • TC = Tinned Copper

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotations of RG/U cables not listed.

*Available in Brown, Red, Orange, Yellow, Green, Blue, Violet, Gray, White or Black.

Precision Video Cable for Analog and Digital

RG-59/U Type

BRILLIANCE®

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m
23 AWG Stranded (7x32) .023″ Bare Compacted Copper* • 95% Tinned Copper Braid Shield																			
Polyethylene Insulation • Black Polyethylene Jacket																			
80°C	**8279**		500	152.4	14.5	6.6	23 AWG (7x32) .023″ BCC 19.1Ω/M′ 62.6Ω/km	.146	3.71	TC + 95% Shield Coverage 4.5Ω/M′ 14.8Ω/km	.220	5.59	75	66%	21.0	68.9	1	.4	1.1
			1000	304.8	28.0	12.7											3.6	.6	2.0
																	10.0	1.2	3.9
																	71.5	3.3	10.8
																	135	4.7	15.4
																	270	6.8	22.3
																	360	8.0	26.2
																	540	9.9	32.5
																	720	11.6	38.0
																	750	11.9	39.0
																	1000	13.8	45.3
											100% Sweep tested. 5 MHz to 850 MHz.								
23 AWG Solid .022″ Bare Copper • Duofoil® + 95% Tinned Copper Braid Shield																			
Polyethylene Insulation • Black Polyethylene Jacket																			
80°C	**9209**		U-500	U-152.4	15.0	6.8	23 AWG (solid) .022″ BC 20.4Ω/M′ 66.9Ω/km	.146	3.71	Duofoil + 95% TC Braid 4.5Ω/M′ 14.8Ω/km	.220	5.59	75	66%	21.0	68.9	1	.4	1.2
			U-1000	U-304.8	29.0	13.2											3.6	.5	1.8
																	10.0	1.2	3.8
																	71.5	2.9	9.5
																	135	4.0	13.0
																	270	5.6	18.4
																	360	6.6	21.5
																	540	8.3	27.2
																	720	9.7	31.7
																	750	9.9	32.5
																	1000	11.6	38.0
											100% Sweep tested. 5 MHz to 850 MHz.								
Flame-retardant Semi-foam Polyethylene Insulation • Black PVC Jacket																			
UL AWM Style 1354 (30V 75°C)	**9209A**	NEC: CMR CEC: CMG FT4	U-1000	U-304.8	35.0	15.9	23 AWG (solid) .022″ BC 20.4Ω/M′ 66.9Ω/km	.146	3.71	Duofoil + 95% TC Braid 4.5Ω/M′ 14.8Ω/km	.220	5.59	75	66%	20.5	67.2	1	.4	1.2
																	3.6	.5	1.8
																	10.0	1.2	3.8
																	71.5	2.9	9.5
																	135	4.0	13.0
																	270	5.6	18.4
																	360	6.6	21.5
																	540	8.6	28.3
																	720	10.1	33.2
																	750	10.4	34.1
																	1000	12.8	41.9
											100% Sweep tested. 5 MHz to 850 MHz.								

BC = Bare Copper • BCC = Bare Compacted Copperr • DCR = DC Resistance • HDPE = High-density Polyethylene • TC = Tinned Copper

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotations of RG/U cables not listed.

*Compacted conductor combines impedance uniformity of solid conductors and "nick-resistance" of stranded conductor.

Precision Video Cable for Analog and Digital

RG-59/U Type

BRILLIANCE®

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths Ft.	Standard Lengths m	Standard Unit Weight Lbs.	Standard Unit Weight kg	Conductor (stranding) Diameter Nom. DCR	Nominal Core OD Inch	Nominal Core OD mm	Shielding Materials Nom. DCR	Nominal OD Inch	Nominal OD mm	Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance pF/Ft.	Nominal Capacitance pF/m	Nominal Attenuation MHz	Nominal Attenuation dB/ 100 Ft.	Nominal Attenuation dB/ 100m
20 AWG Solid .032″ Bare Copper • Duofoil® + 95% Tinned Copper Braid Shield																			
Gas-injected Foam HDPE Insulation • PVC Jacket (Available in 10 colors)♦																			
SDI/HDTV Digital Video 75°C	**1505A**	NEC: CMR CEC: CMG FT4	500▲ 1000♦ 5000♦	152.4 304.8 1524.0	17.5 36.0 165.4	8.0 16.4 75.2	20 AWG (solid) .032″ BC 10.0Ω/M′ 32.8Ω/km	.145	3.68	Duofoil + 95% TC Braid 3.8Ω/M′ 12.5Ω/km	.234	5.94	75	83%	16.3	53.5	1 3.6 10 71.5 135 270 360 540 720 750 1000 1500 2250 3000	.3 .6 .9 2.1 2.7 3.8 4.4 5.5 6.4 6.5 7.6 9.3 11.6 13.4	1.0 1.8 2.9 6.9 8.9 12.5 14.4 18.0 21.0 21.3 24.9 30.5 38.0 44.0
											For Plenum version of 1505A, see 1506A. Also available in bundled versions. See 7794A through 7798A. 100% Sweep tested. 5 MHz to 3 GHz.								
▲500 ft. put-up available in Black, Red or Blue only. ♦1000 ft. and 5000 ft. put-ups available in all ten colors: Black, Brown, Red, Orange, Yellow, Green, Blue, Violet, Gray or White.																			
22 AWG Stranded (7x29) .031″ Bare Compacted Copper* • Double Tinned Copper Braid Shield																			
Gas-injected Foam HDPE Insulation • PVC Jacket (Matte Black, Red, Green, Blue, Yellow, White or Violet)																			
High-Flex SDI/HDTV Video Patch 75°C	**1505F** new	NEC: CM CEC: CM	1000	304.8	44.0	20.0	22 AWG (7x29) .031″ BCC 12.2Ω/M′ 40.0Ω/km	.145	3.68	TC Double Braid 95% Shield Coverage 2.4Ω/M′ 7.8Ω/km	.242	6.15	75	80%	17.0	55.7	1 3.6 10 71.5 135 270 360 540 720 750 1000 1500 2250 3000	.2 .5 .9 2.5 3.5 5.1 6.0 7.4 8.7 8.9 10.5 13.3 16.9 20.3	.7 1.6 2.9 8.2 11.5 16.7 19.7 24.3 28.5 29.2 34.4 43.6 55.4 66.6
											100% Sweep tested. 5 MHz to 3 GHz.								
*Compacted conductor combines impedance uniformity of solid conductors and “nick-resistance” of stranded conductor.																			
20 AWG Solid .032″ Bare Copper • Duofoil + 95% Tinned Copper Braid Shield																			
Plenum • Foam FEP Insulation • Flamarrest® Jacket (Available in 10 colors)♦																			
SDI/HDTV Digital Video 75°C	**1506A**	NEC: CMP CEC: CMP FT6	500†▼ 1000†♦	152.4 304.8	16.5 33.0	7.5 15.0	20 AWG (solid) .032″ BC 10.0Ω/M′ 32.8Ω/km	.133	3.38	Duofoil + 95% TC Braid 3.8Ω/M′ 10.5Ω/km	.199	5.05	75	84%	16.1	52.8	1 3.6 10 71.5 135 270 360 540 720 750 1000 1500 2250 3000	.3 .6 1.1 2.3 3.2 4.6 5.3 6.4 7.3 7.5 9.4 12.8 17.5 21.9	1.0 2.0 3.4 7.4 10.5 14.9 17.2 21.0 23.9 24.6 30.8 42.0 57.4 71.8
											100% Sweep tested. 5 MHz to 3 GHz.								
Suitable for Outdoor and Direct Burial applications. ▼500 ft. put-up available in Black or Natural only. ♦1000 ft. put-up available in all ten colors: Black, Brown, Red, Orange, Yellow, Green, Blue, Violet, Gray or Natural.																			
20 AWG Solid .031″ Bare Copper • 98% Tinned Copper Double Braid Shield																			
Polyethylene Insulation • Gray Non-contaminating PVC Jacket																			
60°C VW-1	**9231**	NEC: CMH CEC: CMH FT1	500 1000	152.4 304.8	38.0 76.0	17.3 34.5	20 AWG (solid) .031″ BC 9.9Ω/M′ 32.5Ω/km	.198	5.03	TC Double Braid 98% Shield Coverage 1.1Ω/M′ 3.6Ω/km	.305	7.75	75	66%	21.0	68.9	1 3.6 10.0 71.5 135 270 360 540 720 750 1000	.3 .5 .8 2.0 3.5 4.3 5.0 6.2 7.2 7.4 9.1	1.0 1.6 2.6 6.6 11.5 14.1 16.4 20.3 23.6 24.3 29.8
											100% Sweep tested. 5 MHz to 850 MHz.								

BC = Bare Copper • DCR = DC Resistance • HDPE = High-density Polyethylene • TC = Tinned Copper

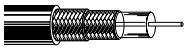
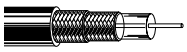
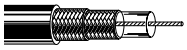
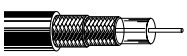
Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotations of RG/U cables not listed.

†Spools are one piece, but length may vary ±10% from length shown.

Precision Video Cable for Analog and Digital

RG-59/U Type

BRILLIANCE®

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths Ft.	Standard Lengths m	Standard Unit Weight Lbs.	Standard Unit Weight kg	Conductor (stranding) Diameter Nom. DCR	Nominal Core OD Inch	Nominal Core OD mm	Shielding Materials Nom. DCR	Nominal OD Inch	Nominal OD mm	Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance pF/Ft.	Nominal Capacitance pF/m	Nominal Attenuation MHz	Nominal Attenuation dB/ 100 Ft.	Nominal Attenuation dB/ 100m
20 AWG Solid .031″ Bare Copper • 98% Tinned Copper Double Braid Shield *(continued)*																			
Polyethylene Insulation • Clear Polyethylene Jacket																			
Indoor Use 80°C	**9141**		1000	304.8	73.0	33.2	20 AWG (solid) .031″ BC 9.9Ω/M′ 32.5Ω/km	.200	5.06	TC Double Braid 98% Shield Coverage 1.1Ω/M′ 3.6Ω/km	.305	7.75	75	66%	20.0	65.6	1 3.6 10.0 71.5 135 270 360 540 720 750 1000	.3 .5 .8 2.0 3.5 4.3 5.0 6.2 7.2 7.4 9.1	1.0 1.6 2.6 6.6 11.5 14.1 16.4 20.3 23.6 24.3 29.8
																			
											100% Sweep tested. 5 MHz to 850 MHz.								
20 AWG Solid .031″ Bare Copper • 98% Tinned Copper Double Braid Shield																			
Polyethylene Insulation • Polyethylene Jacket (Available in Red, Yellow, Green, Light Blue, White, Orange or Black)																			
80°C	**8281**		500▲ 1000	152.4 304.8	37.0 74.0	16.8 33.6	20 AWG (solid) .031″ BC 9.9Ω/M′ 32.5Ω/km	.198	5.03	TC Double Braid 98% Shield Coverage 1.1Ω/M′ 3.6Ω/km	.305	7.75	75	66%	21.0	68.9	1 3.6 10.0 71.5 135 270 360 540 720 750 1000	.3 .5 .8 2.1 3.0 4.3 5.1 6.3 7.4 7.6 9.2	.8 1.8 2.6 6.9 9.8 14.1 16.6 20.7 24.3 24.9 30.2
																			
											For Plenum version of 8281, see 88281.								
											100% Sweep tested. 5 MHz to 850 MHz.								
▲500 ft. put-up not available in White.																			
Flame-retardant Semi-foam Polyethylene Insulation • PVC Jacket (Available in 10 colors)◆																			
UL AWM Style 1354 (30V 80°C)	**8281B**	NEC: CMR CEC: CMG FT4	1000	304.8	85.0	38.6	20 AWG (solid) .031″ BC 9.9Ω/M′ 32.5Ω/km	.198	5.03	TC Double Braid 98% Shield Coverage 1.1Ω/M′ 3.6Ω/km	.305	7.75	75	66%	21.0	68.9	1 3.6 10.0 71.5 135 270 360 540 720 750 1000	.3 .5 .8 2.1 3.0 4.4 5.1 6.6 7.8 8.0 10.2	.8 1.8 2.6 6.9 9.8 14.4 16.6 21.5 25.4 26.2 33.5
																			
											For Plenum version of 8281B, see 88281.								
											100% Sweep tested. 5 MHz to 850 MHz.								
◆8281B available in Brown, Red, Orange, Yellow, Green, Blue, Violet, Gray, White or Black.																			
22 AWG Stranded (7x29) .031″ Bare Compacted Copper* • Double Tinned Copper Braid Shield																			
Polyethylene Insulation • PVC Jacket (Matte Red, Blue, Green, Gray or Black)																			
High-Flex 60°C	**8281F**		500◗ 1000	152.4 304.8	32.0 65.0	14.5 29.5	22 AWG (7x29) .031″ BCC 12.2Ω/M′ 40.0Ω/km	.193	4.90	TC Double Braid 98% Shield Coverage 1.7Ω/M′ 5.6Ω/km	.305	7.75	75	66%	21.0	68.9	1 3.6 10.0 71.5 135 270 360 540 720 750 1000	.3 .5 .9 2.5 3.6 5.1 6.0 7.4 8.7 8.9 10.5	.9 1.7 2.9 8.0 11.6 16.7 19.7 24.3 28.5 29.2 34.4
																			
											100% Sweep tested. 5 MHz to 850 MHz.								
◗500 ft. put-up available in Black only.																			
20 AWG Solid .031″ Bare Copper • 98% Tinned Copper Double Braid Shield																			
Plenum • FEP Insulation • Black Fluorocopolymer Jacket																			
150°C	**88281**	NEC: CMP CEC: CMP FT6	500† 1000†	152.4 304.8	46.0 86.0	20.9 39.1	20 AWG (solid) .032″ BC 9.9Ω/M′ 32.5Ω/km	.185	4.70	TC Double Braid 98% Shield Coverage 1.1Ω/M′ 3.6Ω/km	.271	6.88	75	71%	19.0	62.4	1 3.6 10.0 71.5 135 270 360 540 720 750 1000	.2 .5 .8 2.3 3.3 5.1 6.1 8.0 9.7 10.0 12.3	.7 1.6 2.6 7.5 10.8 16.7 20.0 26.2 31.8 32.8 40.3
																			
											100% Sweep tested. 5 MHz to 216 MHz.								
Suitable for Outdoor and Direct Burial applications.																			

BC = Bare Copper • DCR = DC Resistance • BCC = Bare Compacted Copper • HDPE = High-density Polyethylene • TC = Tinned Copper

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotations of RG/U cables not listed.

*Compacted conductor combines impedance uniformity of solid conductors and "nick-resistance" of stranded conductor.
†Spools are one piece, but length may vary ±10% from length shown.

Precision Video Cable for Analog and Digital

RG-6/U and RG-11/U Type

BRILLIANCE®

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths Ft.	Standard Lengths m	Standard Unit Weight Lbs.	Standard Unit Weight kg	Conductor (stranding) Diameter Nom. DCR	Nominal Core OD Inch	Nominal Core OD mm	Shielding Materials Nom. DCR	Nominal OD Inch	Nominal OD mm	Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance pF/Ft.	Nominal Capacitance pF/m	Nominal Attenuation MHz	Nominal Attenuation dB/ 100 Ft.	Nominal Attenuation dB/ 100m
RG-6/U Type • 18 AWG Solid .040″ Bare Copper • Duofoil® + 95% Tinned Copper Braid Shield																			
Gas-injected Foam HDPE Insulation • PVC Jacket (Available in 10 colors)*																			
SDI/HDTV Digital Video 75°C	**1694A** new	NEC: CMR CEC: CMG FT4	500▲ 1000 4500	152.4 304.8 1371.6	23.0 45.0 200.5	10.5 20.5 91.1	18 AWG (solid) .040″ BC 6.4Ω/M′ 21.0Ω/km	.180	4.57	Duofoil + 95% TC Braid 2.8Ω/M′ 9.2Ω/km	.275	6.99	75	82%	16.2	53.1	1 3.6 10 71.5 135 270 360 540 720 750 1000 1500 2250 3000	.2 .5 .7 1.6 2.1 3.0 3.4 4.3 4.9 5.0 5.9 7.3 9.1 10.7	.8 1.5 2.4 5.2 6.9 9.7 11.3 13.9 16.1 16.4 19.3 24.0 30.0 35.0
											For Plenum version of 1694A, see 1695A. Also available in bundled versions. See 7710A through 7713A. 100% Sweep tested. 5 MHz to 3 GHz.								
▲500 ft. put-up available in Black only.																			
Plenum • Foam FEP Insulation • Flamarrest® Jacket (Available in 10 colors)**																			
SDI/HDTV Digital Video 75°C	**1695A** new	NEC: CMP CEC: CMP FT6	500†♦ 1000†	152.4 304.8	22.5 45.0	10.2 20.5	18 AWG (solid) . 040″ BC 6.4Ω/M′ 21.0Ω/km	.170	4.32	Duofoil + 95% TC Braid 2.8Ω/M′ 9.2Ω/km	.234	5.94	75	82%	16.2	53.1	1 3.6 10 71.5 135 270 360 540 720 750 1000 1500 2250 3000	.2 .5 .8 1.8 2.4 3.4 4.0 5.2 6.1 7.3 7.5 9.2 11.6 13.7	.8 1.5 2.5 5.8 7.9 11.2 13.1 17.1 20.0 23.9 24.6 30.2 38.0 44.9
											100% Sweep tested. 5 MHz to 3 GHz.								
♦500 ft. put-up available in Black, Red, Yellow, Violet or Natural only.																			
RG-11/U Type • 14 AWG Solid .064″ Bare Copper • Duofoil + 95% Tinned Copper Braid Shield																			
Gas-injected Foam HDPE Insulation • PVC Jacket (Available in 10 colors)*																			
SDI/HDTV Digital Video 75°C	**7731A**	NEC: CMR CEC: CMG FT4	500▼ 1000 4000	152.4 304.8 1219.2	48.0 94.0 467.0	21.8 42.8 212.3	14 AWG (solid) .064″ BC 2.5Ω/M′ 8.2Ω/km	.280	7.11	Duofoil + 95% TC Braid 1.5Ω/M′ 4.9Ω/km	.405	10.3	75	85%	16.0	52.4	1 3.6 10 71.5 135 270 360 540 720 750 1000 1500 2250 3000	.2 .3 .5 1.1 1.5 2.1 2.5 3.1 3.6 3.7 4.3 5.5 6.9 8.2	.5 1.0 1.5 3.6 4.8 6.9 8.0 10.0 11.7 12.0 14.1 18.0 22.6 26.9
											100% Sweep tested. 5 MHz to 3 GHz.								
▼500 ft. put-up available in Red or Black only.																			
Plenum • Foam FEP Insulation • Fluorocopolymer Jacket (Available in 10 colors)**																			
SDI/HDTV Digital Video 150°C	**7732A** new	NEC: CMP CEC: CMP FT6	500◗ 1000 2000※	152.4 304.8 609.6	45.0 88.0 176.0	20.5 40.0 80.0	14 AWG (solid) .064″ BC 2.5Ω/M′ 8.2Ω/km	.274	6.96	Duofoil + 95% TC Braid 2.5Ω/M′ 8.2Ω/km	.348	8.84	75	83%	16.3	53.5	1 3.6 10 71.5 135 270 360 540 720 750 1000 1500 2250 3000	.2 .3 .4 1.2 1.8 2.6 3.1 3.9 4.6 4.7 5.5 6.9 9.2 10.2	.5 .9 1.3 4.1 5.8 8.5 10.2 12.8 15.0 15.4 18.0 22.7 30.2 33.5
											100% Sweep tested. 5 MHz to 3 GHz.								
◗500 ft. put-up available in Black or Natural only. ※2000 ft. put-up available in Natural only. Suitable for Outdoor and Direct Burial applications.																			

BC = Bare Copper • DCR = DC Resistance • HDPE = High-density Polyethylene • TC = Tinned Copper

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotations of RG-U cables not listed.

* Available in Black, Brown, Red, Orange, Yellow, Green, Blue, Violet, Gray or White.
** Available in Black, Brown, Red, Orange, Yellow, Green, Blue, Violet, Gray or Natural.
† Spools are one piece, but length may vary ±10% from length shown.

Brilliance VideoFLEX® Snake Cable for Precision Analog and Digital Video

Miniature and RG-59/U Type

BRILLIANCE®

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Cond.	Standard Lengths Ft.	Standard Lengths m	Standard Unit Weight Lbs.	Standard Unit Weight kg	Conductor (stranding) Diameter Nom. DCR	Nominal Core OD Inch	Nominal Core OD mm	Shielding Materials Nom. DCR	Nominal OD Inch	Nominal OD mm	Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance pF/Ft.	Nominal Capacitance pF/m	Nominal Attenuation MHz	Nominal Attenuation dB/ 100 Ft.	Nominal Attenuation dB/ 100m
Miniature • 23 AWG Solid .023″ Bare Copper • Duofoil® + 95% Tinned Copper Braid (100% Shield Coverage)																				
Solid Copper, Gas-injected Foam HDPE Insulation • Overall Matte Black PVC Jacket (Color Code: See chart below)																				
SDI/HDTV Digital Video 75°C **(1855A Bundled)** 	**7787A** new	NEC: CMR CEC: CMG FT4	3	500 1000	152.4 304.8	47.5 94.0	21.6 42.7	23 AWG (solid) .023″ BC 20.1Ω/M′ 65.9Ω/km	.102 Coax OD: .159	2.55 4.03	Duofoil + 95% TC Braid 7.6Ω/M′ 24.9Ω/km	.432	10.97	75	83%	16.5	54.1	1 3.6 10 71.5 135 270 360 540 720 750 1000 1500	.4 .8 1.2 3.1 3.8 5.4 6.2 7.7 9.1 9.5 10.5 13.0	1.3 2.6 3.9 10.0 12.5 17.7 20.3 25.3 29.8 31.2 34.4 42.6
	7788A new	NEC: CMR CEC: CMG FT4	4	1000	304.8	111.0	50.5	same as above	.102 Coax OD: .159	2.55 4.03	same as above	.481	12.22							
	7789A new	NEC: CMR CEC: CMG FT4	5	500 1000	152.4 304.8	72.5 141.0	33.0 64.1	same as above	.102 Coax OD: .159	2.55 4.03	same as above	.539	13.69							
	7790A new	NEC: CMR CEC: CMG FT4	6	500 1000	152.4 304.8	88.5 175.0	40.2 79.5	same as above	.102 Coax OD: .159	2.55 4.03	same as above	.597	15.16							
	7791A new	NEC: CMR CEC: CMG FT4	10	500 1000	152.4 304.8	155.5 303.0	70.7 137.7	same as above	.102 Coax OD: .159	2.55 4.03	same as above	.796	20.22							
	7792A new	NEC: CMR CEC: CMG FT4	12	500 1000	152.4 304.8	171.5 353.0	78.0 160.5	same as above	.102 Coax OD: .159	2.55 4.03	same as above	.825	20.96							
RG-59/U Type • 20 AWG Solid .032″ Bare Copper • Duofoil + 95% Tinned Copper Braid (100% Shield Coverage)																				
Gas-injected Foam HDPE Insulation • Overall Matte Black PVC Jacket (Color Code: See chart below)																				
SDI/HDTV Digital Video 75°C **(1505A Bundled)** 	**7794A** new	NEC: CMR CEC: CMG FT4	3	500 1000	152.4 304.8	94.5 188.0	43.0 85.5	20 AWG (solid) .032″ BC 10.0Ω/M′ 32.8Ω/km	.145 Coax OD: .235	3.68 5.97	Duofoil + 95% TC Braid 3.8Ω/M′ 12.5Ω/km	.631	16.03	75	83%	16.3	53.1	1 3.6 10 71.5 135 270 360 540 720 750 1000 1500	.3 .6 .9 2.1 2.7 3.8 4.4 5.5 6.4 6.5 7.6 9.3	1.0 1.8 2.9 6.9 8.9 12.5 14.4 18.0 21.0 21.3 24.9 30.5
	7795A new	NEC: CMR CEC: CMG FT4	4	500 1000	152.4 304.8	116.5 237.0	53.0 107.7	same as above	.145 Coax OD: .235	3.68 5.97	same as above	.706	17.93							
	7796A new	NEC: CMR CEC: CMG FT4	5	500 1000	152.4 304.8	150.0 293.0	68.2 133.2	same as above	.145 Coax OD: .235	3.68 5.97	same as above	.790	20.07							
	7798A new	NEC: CMR CEC: CMG FT4	10	500 1000	152.4 304.8	319.5 625.0	145.2 284.1	same as above	.145 Coax OD: .235	3.68 5.97	same as above	1.166	29.62							

Sweep tested 5 MHz to 3 GHz.

Sweep tested 5 MHz to 3 GHz.

BC = Bare Copper • DCR = DC Resistance • HDPE = High-density Polyethylene • TC = Tinned Copper

See Connector Reference Guide at www.belden.com for connector recommendations.

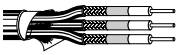
Color Code Chart

Cond.	Color	Cond.	Color	Cond.	Color
1	Red	5	Yellow	9	Violet
2	Green	6	Brown	10	Black
3	Blue	7	Orange	11	Pink
4	White	8	Gray	12	Tan

Brilliance VideoFLEX® Snake Cable for Precision Analog and Digital Video

RG-6/U Type

BRILLIANCE®

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Cond.	Standard Lengths Ft.	Standard Lengths m	Standard Unit Weight Lbs.	Standard Unit Weight kg	Conductor (stranding) Diameter Nom. DCR	Nominal Core OD Inch	Nominal Core OD mm	Shielding Materials Nom. DCR	Nominal OD Inch	Nominal OD mm	Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance pF/Ft.	Nominal Capacitance pF/m	Nominal Attenuation MHz	Nominal Attenuation dB/ 100 Ft.	Nominal Attenuation dB/ 100m
RG-6/U Type • 18 AWG Solid .040″ Bare Copper • Duofoil® + 95% Tinned Copper Braid Shield																				
Gas-injected Foam HDPE Insulation • Overall Matte Black PVC Jacket (Color Code: See chart below)																				
SDI/HDTV Digital Video 60°C **(1694A Bundled)** 	**7710A**	NEC: CMR CEC: CMG FT4	3	500 1000	152.4 304.8	131.5 273.0	59.8 124.1	18 AWG (solid) .040″ BC 6.4Ω/M′ 21.0Ω/km	.180 Coax OD: .257	4.57 6.99	Duofoil + 95% TC Braid 2.8Ω/M′ 9.2Ω/km	.770	19.56	75	82%	16.2	53.1	1 3.6 10 71.5 135 270 360 540 720 750 1000 1500 2500 3000	.2 .5 .7 1.6 2.1 3.0 3.4 4.3 4.9 5.0 5.9 7.3 9.7 10.0	.8 1.5 2.4 5.2 6.9 9.7 11.3 13.9 16.1 16.4 19.3 24.0 31.8 32.8
	7711A	NEC: CMR CEC: CMG FT4	4	500 1000	152.4 304.8	174.0 339.0	79.1 154.1	same as above	.180 Coax OD: .257	4.57 6.99	same as above	.900	22.86							
	7712A	NEC: CMR CEC: CMG FT4	5	500 1000	152.4 304.8	209.5 440.0	95.2 200.0	same as above	.180 Coax OD: .257	4.57 6.99	same as above	.942	23.93							
	7713A	NEC: CMR CEC: CMG FT4	10	500 1000	152.4 304.8	450.0 878.0	204.5 399.1	same as above	.180 Coax OD: .257	4.57 6.99	same as above	1.386	35.20							

Sweep tested 5 MHz to 3 GHz.

BC = Bare Copper • DCR = DC Resistance • HDPE = High-density Polyethylene • TC = Tinned Copper

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotations of RG/U cables not listed.
See Connector Reference Guide at www.belden.com for connector recommendations.

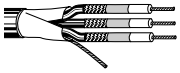
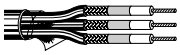
Color Code Chart

Cond.	Color	Cond.	Color
1	Red	**6**	Brown
2	Green	**7**	Orange
3	Blue	**8**	Gray
4	White	**9**	Violet
5	Yellow	**10**	Black

Bundled RGB Cable

Miniature and High-Flex Type

BRILLIANCE®

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Cond.	Standard Lengths Ft.	Standard Lengths m	Standard Unit Weight Lbs.	Standard Unit Weight kg	Conductor (stranding) Diameter Nom. DCR	Nominal Core OD Inch	Nominal Core OD mm	Shielding Materials Nom. DCR	Nominal OD Inch	Nominal OD mm	Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance pF/Ft.	Nominal Capacitance pF/m	Nominal Attenuation MHz	Nominal Attenuation dB/ 100 Ft.	Nominal Attenuation dB/ 100m
Miniature • 30 AWG Stranded (7x38) .012″ Tinned Copper • Duofoil® + 90% TC Braid (Coaxes) • 100% Overall Beldfoil® Shield																				
Foam HDPE Insulation • Overall Black PVC Jacket (Color Code: Red, Green, Blue, White, Yellow)																				
UL AWM Style 1354 (30V 60°C) 	**1520A**	NEC: CL2	3	500 1000	152.4 304.8	25.0 50.0	11.4 22.7	30 AWG (7x38) .012″ TC 100.0Ω/M′ 328.0Ω/km	.056 Coax OD: .102	1.42 2.59	Coaxes: Duofoil + 90% TC Braid Overall: Beldfoil 9.5Ω/M′ 31.2Ω/km	.283	7.19	75	78%	17.3	56.7	1 5 10 30 50 100 200 400 700 900 1000	.8 1.5 2.2 4.0 5.4 8.2 12.5 18.9 26.5 30.8 32.8	2.6 4.9 7.2 13.1 17.7 26.9 41.0 62.0 86.9 101.0 107.6
	1521A	NEC: CL2	4	500 1000	152.4 304.8	30.0 60.0	13.6 27.3	same as above	.056 Coax OD: .102	1.42 2.59	same as above	.310	7.87							
	1522A	NEC: CL2	5	500 1000	152.4 304.8	34.0 68.0	15.5 30.9	same as above	.056 Coax OD: .102	1.42 2.59	same as above	.338	8.59	100% Sweep tested. 10 MHz to 40 MHz.							
High-Flex • 26 AWG Stranded (7x34) .019″ Bare Copper • Duofoil + 93% Tinned Copper Braid Shield																				
Foam HDPE Insulation • Overall Matte Black PVC Jacket (Color Code: Red, Green, Blue, White, Yellow)																				
60°C 	**1406B**		3	1000†	304.8	75.0	34.1	26 AWG (7x34) .019″ BC 41.5Ω/M′ 136.0Ω/km	.090 Coax OD: .146	2.29 3.71	Duofoil + 93% TC Braid 8.6Ω/M′ 28.2Ω/km	.388	9.86	75	78%	17.3	56.7	1 5 10 30 50 100 200 400 700 900 1000	.6 1.3 1.8 3.1 3.9 5.4 7.5 10.4 13.5 15.2 15.9	2.0 4.3 5.9 10.2 12.8 17.7 24.6 34.1 44.3 49.9 52.2
	1407B		4	1000†	304.8	100.0	45.5	same as above	.090 Coax OD: .146	2.29 3.71	same as above	.455	11.56							
	1417B		5	1000†	304.8	120.0	54.5	same as above	.090 Coax OD: .146	2.29 3.71	same as above	.477	12.12	100% Sweep tested. 10 MHz to 40 MHz.							

BC = Bare Copper • DCR = DC Resistance • HDPE = High-density Polyethylene • TC = Tinned Copper

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotations of cables not listed.

†Spools are one piece, but length may vary ±10% from length shown.

Color Code Chart

Cond.	Color
1	Red
2	Green
3	Blue
4	White
5	Yellow

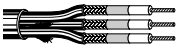
Bundled RGB Cable

CM and CMP Rated

BRILLIANCE®

26 AWG Stranded (7x34) .019″ Bare Copper • Duofoil® + 93% Tinned Copper Braid Shield • Overall Polyester Tape

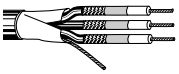
Foam HDPE Insulation • Overall Black PVC Jacket • Inner PVC Jacket (Color Code: Red, Green, Blue, White, Yellow)

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Cond.	Standard Lengths Ft.	Standard Lengths m	Standard Unit Weight Lbs.	Standard Unit Weight kg	Conductor (stranding) Diameter Nom. DCR	Nominal Core OD Inch	Nominal Core OD mm	Shielding Materials Nom. DCR	Nominal OD Inch	Nominal OD mm	Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance pF/Ft.	Nominal Capacitance pF/m	Nominal Attenuation MHz	Nominal Attenuation dB/ 100 Ft.	Nominal Attenuation dB/ 100m
UL AWM Styles 1354 and 2668 (30V 60°C) 	**1164B**	NEC: CM	3	500† 1000†	152.4 304.8	39.5 78.0	18.0 35.5	26 AWG (7x34) .019″ BC 41.5Ω/M′ 136.1Ω/km	.090 Coax OD: .146	2.29 3.71	Duofoil + 93% TC Braid 8.6Ω/M′ 28.2Ω/km	.388	9.86	75	78%	17.3	56.7	1 5 10 30 50 100 200 400 700 900 1000	.6 1.3 1.8 3.1 3.9 5.4 7.5 10.4 13.5 15.2 15.9	2.0 4.3 5.9 10.2 12.8 17.7 24.6 34.1 44.3 49.9 52.2
	1167B	NEC: CM	4	1000†	304.8	105.0	47.7	same as above	.090 Coax OD: .146	2.29 3.71	same as above	.455	11.56							
	1418B	NEC: CM	5	500† 1000†	152.4 304.8	61.0 118.0	27.7 53.6	same as above	.090 Coax OD: .146	2.29 3.71	same as above	.477	12.12							

100% Sweep tested. 10 MHz to 40 MHz.

RG-59/U Type • 22 AWG Stranded (7x30) .030″ Bare Copper • Duofoil + 95% TC Braid (Coaxes) • 100% Overall Beldfoil® Shield

Plenum • Foam FEP Insulation • Overall Natural Flamarrest® Jacket • Inner Fluorocopolymer Jacket (See chart below)

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Cond.	Standard Lengths Ft.	Standard Lengths m	Standard Unit Weight Lbs.	Standard Unit Weight kg	Conductor (stranding) Diameter Nom. DCR	Nominal Core OD Inch	Nominal Core OD mm	Shielding Materials Nom. DCR	Nominal OD Inch	Nominal OD mm	Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance pF/Ft.	Nominal Capacitance pF/m	Nominal Attenuation MHz	Nominal Attenuation dB/ 100 Ft.	Nominal Attenuation dB/ 100m
60°C 	**1824A**	NEC: CMP	3	500 1000	152.4 304.8	63.5 127.0	28.9 57.7	22 AWG (7x30) .030″ BC 15.3Ω/M′ 50.2Ω/km	.135 Coax OD: .200	3.43 5.08	Coaxes: Duofoil + 95% TC Braid 2.5Ω/km 8.3Ω/km Overall: Beldfoil 100% Shield Coverage 11.1Ω/M′ 36.4Ω/km	.475	12.07	75	81%	17.3	56.7	1 5 10 30 50 100 200 400 700 900 1000	.3 .6 .8 1.5 2.0 2.9 4.3 6.6 9.4 11.1 11.9	.8 1.9 2.7 4.9 6.4 9.5 14.2 21.6 30.9 36.4 39.0
	1825A	NEC: CMP	4	500 1000	152.4 304.8	84.5 167.0	38.4 75.9	same as above	.135 Coax OD: .200	3.43 5.08	same as above	.527	13.39							
	1826A	NEC: CMP	5	500 1000	152.4 304.8	101.5 201.0	46.1 91.4	same as above	.135 Coax OD: .200	3.43 5.08	same as above	.585	14.86							

100% Sweep tested. 10 MHz to 40 MHz.

BC = Bare Copper • DCR = DC Resistance • HDPE = High-density Polyethylene • TC = Tinned Copper

Contact the Belden Customer Service Department for a more Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotations of cables not listed.

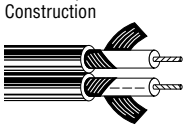
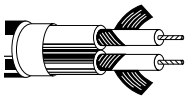
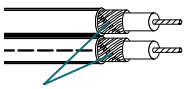
†Spools are one piece, but length may vary ±10% from length shown.

Color Code Chart

Cond.	Color	Cond.	Color
1	Red	4	White
2	Green	5	Yellow
3	Blue		

High-Flex SVHS Cable

BRILLIANCE®

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Cond.	Standard Lengths Ft.	Standard Lengths m	Standard Unit Weight Lbs.	Standard Unit Weight kg	Conductor (stranding) Diameter Nom. DCR	Nominal Core OD Inch	Nominal Core OD mm	Shielding Materials Nom. DCR	Nominal OD Inch	Nominal OD mm	Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance pF/Ft.	Nominal Capacitance pF/m	Nominal Attenuation MHz	Nominal Attenuation dB/ 100 Ft.	Nominal Attenuation dB/ 100m
30 AWG Stranded (7x38) .012″ Tinned Copper • Tinned Copper Serve (90% Shield Coverage)																				
Foam HDPE Insulation • Matte Black PVC Jacket (One Coax Printed and Striped for Identification)																				
Parallel Zip Construction 	**1807A**		2	U-500 500 U-1000 1000	U-152.4 152.4 U-304.8 304.8	8.0 8.5 15.0 19.0	3.6 3.9 6.8 8.6	30 AWG (7x38) .012″ TC 100.0Ω/M′ 328.0Ω/km	.058	1.47	TC Serve 90% Shield Coverage 7.5Ω/M′ 24.6Ω/km	.110 x .230	2.79 x 5.84	75	78%	17.3	56.7	1 5 10 30 50 100 200 400 700 900 1000	.6 1.4 2.1 3.8 5.1 7.6 11.3 16.9 23.3 26.9 28.6	2.0 4.6 6.9 12.5 16.7 24.9 37.1 55.4 76.4 88.2 93.8
												For Plenum version of 1807A, see 7700A.								
Foam HDPE Insulation • Matte Black PVC Jacket (Inner PVC Jackets Color Code: Black and Yellow)																				
Round Construction 	**1808A**		2	U-500 500 U-1000 1000	U-152.4 152.4 U-304.8 304.8	15.0 15.5 30.0 31.0	6.8 7.0 13.7 14.1	30 AWG (7x38) .012″ TC 100.0Ω/M′ 328.0Ω/km	.058 Coax OD: .100	1.47 2.54	TC Serve 90% Shield Coverage 7.5Ω/M′ 24.6Ω/km	.255	.84	75	78%	17.3	56.7	1 5 10 30 50 100 200 400 700 900 1000	.6 1.4 2.1 3.8 5.1 7.6 11.3 16.9 23.3 26.9 28.6	2.0 4.6 6.9 12.5 16.7 24.9 37.1 55.4 76.4 88.2 93.8
												Available in Plenum versions by special order only.								
30 AWG Stranded (7x38) .012″ Tinned Copper • Tinned Copper "French Braid" (98% Shield Coverage)																				
Plenum • Foam FEP Insulation • Black Flamarrest® Jacket (One Coax Printed and Striped for Identification)																				
Parallel Zip Construction  French Braid	**7700A**	NEC: CMP	2	500 1000	152.4 304.8	10.5 19.0	4.8 8.6	30 AWG (7x38) .012″ TC 100.0Ω/M′ 328.0Ω/km	.053	1.35	TC "French Braid" 98% Shield Coverage 7.4Ω/M′ 24.3Ω/km	.107 x .214	2.72 x 5.44	75	78%	17.3	56.7	1 5 10 30 50 100 200 400 700 900 1000	.7 1.7 2.3 4.1 5.3 7.6 11.8 17.6 24.2 28.0 29.8	2.3 5.6 7.5 13.4 17.4 24.9 38.7 57.7 79.4 91.8 97.7

DCR = DC Resistance • TC = Tinned Copper • HDPE = High-density Polyethylene

Contact the Belden Wire & Cable Customer Service Department for a more Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotations of cables not listed.

Video Triax Cable

RG-59/U Type

BRILLIANCE®

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths Ft.	Standard Lengths m	Standard Unit Weight Lbs.	Standard Unit Weight kg	Conductor (stranding) Diameter Nom. DCR	Nominal Core OD Inch	Nominal Core OD mm	Shielding Materials Nom. DCR	Nominal OD Inch	Nominal OD mm	Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance pF/Ft.	Nominal Capacitance pF/m	Nominal Attenuation MHz	Nominal Attenuation dB/ 100 Ft.	Nominal Attenuation dB/ 100m
22 AWG Stranded (19x34) .031″ Bare Copper • Two Bare Copper Braids (95% Shield Coverage)																			
Foam Polyethylene Insulation • Belflex® Jacket (Red, Yellow, Green, Blue, Violet or Black. Polyethylene Insulation between Braids)																			
High-Flex 80°C	**1857A**		500 1000	152.4 304.8	42.5 86.0	19.3 39.1	22 AWG (19x34) .031″ BC 14.0Ω/M′ 45.9Ω/km	.143	3.63	(2) BC Braids 95% Coverage Inner: 2.5Ω/M′ 8.2Ω/km Outer: 1.6Ω/M′ 5.3Ω/km	.360	9.14	75	79%	17.0	55.8	1 3.6 10 71.5 135 270 360 540 720 750 1000 1500 2250 3000	.3 .5 .8 2.2 3.1 4.5 5.4 6.8 8.1 8.4 10.1 13.3 17.6 21.4	1.0 1.6 2.6 7.2 10.2 14.8 17.7 22.3 26.6 27.6 33.1 43.6 57.7 70.2
100% Sweep tested. 5 MHz to 850 MHz.																			
20 AWG Solid .032″ Bare Copper • Two Bare Copper Braids (95% Shield Coverage)																			
Gas-injected Foam HDPE Insulation • Black Polyethylene Jacket (Polyethylene Insulation between Braids)																			
80°C	**8232**		500 1000 2000	152.4 304.8 609.6	30.0 60.0 118.0	13.6 27.3 53.6	20 AWG (solid) .032″ BC 10.0Ω/M′ 32.8Ω/km	.145	3.68	(2) BC Braids 95% Coverage Inner: 2.5Ω/M′ 8.2Ω/km Outer: 2.8Ω/M′ 9.2Ω/km	.315	8.00	75	83%	16.2	53.1	1 3.6 10 71.5 135 270 360 540 720 750 1000 1500 2250 3000	.3 .6 .9 2.1 3.0 4.2 4.8 5.9 7.0 7.1 8.3 10.5 13.4 15.9	1.0 2.0 3.0 6.9 9.8 13.8 15.7 19.4 23.0 23.3 27.2 34.4 44.0 52.2
For Plenum version of 8232, see 88232.																			
100% Sweep tested. 5 MHz to 3 GHz.																			
Suitable for Outdoor and Direct Burial applications.																			
Gas-injected Foam HDPE Insulation • Black PVC Jacket (PVC Insulation between Braids)																			
75°C	**8232A**	NEC: CMR CEC: CMG FT4	1000	304.8	69.0	31.4	20 AWG (solid) .032″ BC 10.0Ω/M′ 32.8Ω/km	.145	3.68	(2) BC Braids 95% Coverage Inner: 2.5Ω/M′ 8.2Ω/km Outer: 2.8Ω/M′ 9.2Ω/km	.315	8.00	75	83%	16.2	53.1	1 3.6 10 71.5 135 270 360 540 720 750 1000 1500 2250 3000	.3 .6 .9 2.1 3.0 4.2 4.8 5.9 7.0 7.1 8.3 10.5 13.4 15.9	1.0 2.0 3.0 6.9 9.8 13.8 15.7 19.4 23.0 23.3 27.2 34.4 44.0 52.2
For Plenum version of 8232A, see 88232.																			
100% Sweep tested. 5 MHz to 3 GHz.																			
Plenum • Foam FEP Insulation • Black FEP Jacket (FEP Insulation between Braids)																			
200°C	**88232**	NEC: CMP CEC: CMG FT6	500† 1000†	152.4 304.8	31.0 61.0	14.1 27.7	20 AWG (solid) .032″ BC 10.0Ω/M′ 32.8Ω/km	.140	3.56	(2) BC Braids 95% Coverage Inner: 2.6Ω/M′ 8.5Ω/km Outer: 2.6Ω/M′ 8.5Ω/km	.246	6.25	75	80%	16.9	55.4	1 3.6 10 71.5 135 270 360 540 720 750 1000 1500 2250 3000	.4 .6 .8 2.2 3.1 4.5 5.3 6.6 7.7 7.9 9.4 12.1 15.6 18.7	1.3 2.0 2.6 7.2 10.2 14.8 17.4 21.6 25.3 25.9 30.8 39.7 51.2 61.3
100% Sweep tested. 5 MHz to 3 GHz.																			

BC = Bare Copper • DCR = DC Resistance • HDPE = High-density Polyethylene

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotations of cables not listed.

†Spools are one piece, but length may vary ±10% from length shown.

Video Triax Cable

RG-59/U Type

BRILLIANCE®

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m

20 AWG Solid .032″ Bare Copper • Two Bare Copper Braids (95% Shield Coverage) *(continued)*

Gas-injected Foam HDPE Insulation • Belflex® Jacket (Red, Yellow, Green, Blue, Violet or Black); Polyethylene Insulation between Braids

80°C	**1856A**		500	152.4	41.0	18.6	20 AWG (solid) .032″ BC 10.6Ω/M′ 34.8Ω/km	.145	3.68	(2) BC Braids 95% Coverage Inner: 2.5Ω/M′ 8.2Ω/km Outer: 1.6Ω/M′ 5.3Ω/km	.360	9.14	75	83%	16.2	53.1	1	.3	1.0
			1000	304.8	83.0	37.7											3.6	.6	1.8
																	10	.8	2.7
																	71.5	2.2	7.2
																	135	3.0	9.8
																	270	4.2	13.8
																	360	4.8	15.7
											100% Sweep tested. 5 MHz to 3 GHz.						540	5.9	19.4
																	720	6.9	22.6
																	750	7.1	23.3
																	1000	8.8	28.9
																	1500	12.0	39.4
																	2250	16.4	53.8
																	3000	20.4	66.9

Gas-injected Foam HDPE Insulation • Belflex Jacket (Red, Yellow, Green, Blue, Violet or Black); PVC Insulation between Braids

75°C	**1856B** new	NEC: CMR CEC: CMG FT4	1000	304.8	86.0	39.1	20 AWG (solid) .032″ BC 10.1Ω/M′ 33.1Ω/km	.145	3.68	(2) BC Braids 95% Coverage Inner: 2.5Ω/M′ 8.2Ω/km Outer: 1.6Ω/M′ 5.2Ω/km	.360	9.14	75	83%	16.2	53.1	1	.3	1.0
																	3.6	.6	1.8
																	10	.8	2.7
																	71.5	2.2	7.2
																	135	3.0	9.8
																	270	4.2	13.8
																	360	4.8	15.7
											100% Sweep tested. 5 MHz to 3 GHz.						540	5.9	19.4
																	720	6.9	22.6
																	750	7.1	23.3
																	1000	8.8	28.9
																	1500	12.0	39.4
																	2250	16.4	53.8
																	3000	20.4	66.9

Gas-injected Foam HDPE Insulation • Paper Tape Separator • Black Hypalon® Jacket (Polyethylene Insulation between Braids)

80°C VW-1	**9267**		500	152.4	39.5	18.0	20 AWG (solid) .032″ BC 10.0Ω/M′ 32.8Ω/km	.145	3.68	(2) BC Braids 95% Coverage Inner: 2.5Ω/M′ 8.3Ω/km Outer: 2.6Ω/M′ 8.6Ω/km	.360	9.14	75	82%	16.3	53.5	1	.3	1.0
			1000	304.8	77.0	35.0											3.6	.6	2.0
																	10	.9	3.0
																	71.5	2.1	6.9
																	135	2.9	9.5
																	270	4.2	13.8
																	360	4.8	15.7
											100% Sweep tested. 5 MHz to 3 GHz.						540	6.0	19.7
																	720	6.7	22.0
																	750	6.9	22.6
																	1000	8.3	27.2
																	1500	10.5	34.4
																	2250	13.4	44.0
																	3000	15.9	52.2

Suitable for Outdoor and Direct Burial applications.

BC = Bare Copper • DCR = DC Resistance • HDPE = High-density Polyethylene

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotations of cables not listed.

Hypalon is a DuPont trademark.

Video Triax Cable

RG-11/U Type
75 Ohms

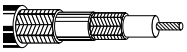
BRILLIANCE®

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m

15 AWG Stranded (19x27) .064″ Bare Copper • Two Bare Copper Braids (95% Shield Coverage)

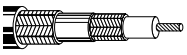
Foam Polyethylene Insulation • Belflex® Jacket (Red, Yellow, Green, Blue, Violet or Black: Polyethylene Insulation between Braids)

High-Flex 80°C	**1858A**		500	152.4	81.0	36.8	15 AWG (19x27) .064″ BC 3.0Ω/M′ 9.8Ω/km	.312	7.92	(2) BC Braids 95% Coverage Inner: 1.6Ω/M′ 5.2Ω/km Outer: 1.4Ω/M′ 4.6Ω/km	.520	13.20	75	78%	17.3	56.8	1	.1	.3
			1000	304.8	158.0	71.8											3.6	.3	1.0
																	10	.5	1.6
																	71.5	1.2	3.9
																	135	1.8	5.9
											100% Sweep tested. 5 MHz to 850 MHz.						270	2.6	8.5
																	360	3.1	10.2
																	540	3.9	12.8
																	720	4.7	15.4
																	750	4.8	15.7
																	1000	5.7	18.7



Plenum • Foam FEP Insulation • Black Fluorocopolymer Jacket (Fluorocopolymer Insulation between Braids)

125°C	**1859A**	NEC: CMP	500	152.4	66.5	30.2	15 AWG (19x27) .064″ BC 3.0Ω/M′ 9.8Ω/km	.285	7.24	(2) BC Braids 95% Coverage Inner: 1.4Ω/M′ 4.6Ω/km Outer: 1.4Ω/M′ 4.6Ω/km	.406	10.30	75	80%	16.5	54.1	1	.1	.3
			1000	304.8	134.0	60.9											3.6	.2	.7
		CEC: CMP FT6															10	.5	1.6
																	71.5	1.3	4.3
																	135	1.9	6.2
											100% Sweep tested. 5 MHz to 850 MHz.						270	3.0	9.8
																	360	3.6	11.8
																	540	4.5	14.8
																	720	5.4	17.7
																	750	5.6	18.4
																	1000	6.6	21.6

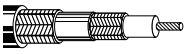


Suitable for Outdoor and Direct Burial applications.

15 AWG Stranded (19x27) .064″ Bare Copper • Two Bare Copper Braids (90% Shield Coverage)

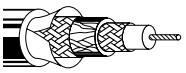
Foam Polyethylene Insulation • Yellow PVC Jacket (Polyethylene Insulation between Braids)

UL AWM Style 1641 (30V 80°C) VW-1	**9192**	NEC: CL2X	1000	304.8	150.0	68.2	15 AWG (19x27) .064″ BC 3.0Ω/M′ 9.8Ω/km	.312	7.92	(2) BC Braids 90% Coverage Inner: 1.6Ω/M′ 5.2Ω/km Outer: 1.6Ω/M′ 5.2Ω/km	.520	13.20	75	78%	17.3	56.8	1	.1	.3
																	3.6	.3	1.0
																	10	.5	1.6
																	71.5	1.2	3.9
																	135	1.8	5.9
											100% Sweep tested. 5 MHz to 850 MHz.						270	2.6	8.5
																	360	3.1	10.2
																	540	3.9	12.8
																	720	4.7	15.4
																	750	4.8	15.7
																	1000	5.7	18.7



Foam Polyethylene Insulation • Paper Tape Separator • Black Hypalon® Jacket (Polyethylene Insulation between Braids)

UL AWM Style 1641 (30V 60°C) VW-1	**9232**		500	152.4	42.5	19.3	15 AWG (19x27) .064″ BC 3.0Ω/M′ 9.8Ω/km	.312	7.92	(2) BC Braids 90% Coverage Inner: 1.6Ω/M′ 5.2Ω/km Outer: 1.7Ω/M′ 5.2Ω/km	.520	13.20	75	78%	17.3	56.8	1	.1	.3
			1000	304.8	145.0	65.9											3.6	.3	1.0
																	10	.5	1.6
																	71.5	1.2	3.9
																	135	1.8	5.9
											100% Sweep tested. 5 MHz to 850 MHz.						270	2.6	8.5
																	360	3.1	10.2
																	540	3.9	12.8
																	720	4.7	15.4
																	750	4.8	15.7
																	1000	5.7	18.7



Suitable for Outdoor and Direct Burial applications.

BC = Bare Copper • DCR = DC Resistance

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotations of cables not listed.

Hypalon is a DuPont trademark.

Video Triax Cable

RG-11/U Type

BRILLIANCE®

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m

14 AWG Solid .064″ Bare Copper • Two Bare Copper Braids (95% Shield Coverage)

Gas-injected Foam HDPE Insulation • Black Polyethylene Jacket (Polyethylene Insulation between Braids)

80°C	**8233**		500	152.4	63.0	28.6	14 AWG (solid) .064″ BC 2.5Ω/M′ 8.2Ω/km	.285	7.24	(2) BC Braids 95% Coverage Inner: 1.6Ω/M′ 5.2Ω/km Outer: 1.4Ω/M′ 4.6Ω/km	.475	12.07	75	84%	16.1	52.8	1	.2	.7
			1000	304.8	122.0	55.5											3.6	.3	1.0
			2000	609.6	240.0	109.1											10	.4	1.3
																	71.5	1.1	3.6
																	135	1.5	4.9
																	270	2.3	7.5
																	360	2.7	8.9
											100% Sweep tested. 5 MHz to 3 GHz.						540	3.5	11.5
																	720	4.2	13.8
																	750	4.3	14.1
																	1000	5.2	17.1
																	1500	7.1	23.3
																	2250	9.6	31.5
Suitable for Outdoor and Direct Burial applications.																	3000	12.0	39.4

Gas-injected Foam HDPE Insulation • Black PVC Jacket (PVC Insulation between Braids)

80°C	**8233A**	NEC: CMR	1000	304.8	142.0	64.5	14 AWG (solid) .064″ BC 2.5Ω/M′ 8.2Ω/km	.285	7.24	(2) BC Braids 95% Coverage Inner: 1.6Ω/M′ 5.2Ω/km Outer: 1.4Ω/M′ 4.6Ω/km	.475	12.07	75	84%	16.1	52.8	1	.2	.7
			2000	609.6	240.0	109.1											3.6	.3	1.0
		CEC: CMG FT4	4000	1219.2	574.0	260.9											10	.4	1.3
																	71.5	1.1	3.6
																	135	1.5	4.9
																	270	2.3	7.5
																	360	2.7	8.9
											100% Sweep tested. 5 MHz to 3 GHz.						540	3.5	11.5
																	720	4.2	13.8
																	750	4.3	14.1
																	1000	5.2	17.1
																	1500	7.1	23.3
																	2250	9.6	31.5
																	3000	12.0	39.4

Gas-injected Foam HDPE Insulation • Black Polyethylene Jacket (PE Insulation between Braids; Flooding Compound on Outer Braid)

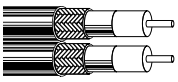
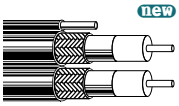
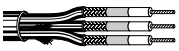
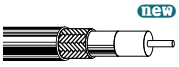
Flooded 80°C	**7803A** new		500	152.4	64.0	29.1	14 AWG (solid) .064″ BC 2.5Ω/M′ 8.2Ω/km	.285	7.24	(2) BC Braids 95% Coverage Inner: 1.6Ω/M′ 5.2Ω/km Outer: 1.4Ω/M′ 4.6Ω/km	.475	12.07	75	84%	16.1	52.8	1	.2	.7
			1000	304.8	123.0	55.9											3.6	.3	1.0
			3000	914.4	381.0	173.2											10	.4	1.3
																	71.5	1.1	3.6
																	135	1.5	4.9
																	270	2.3	7.5
																	360	2.7	8.9
											100% Sweep tested. 5 MHz to 3 GHz.						540	3.5	11.5
																	720	4.2	13.8
																	750	4.3	14.1
																	1000	5.2	17.1
																	1500	7.1	23.3
																	2250	9.6	31.5
Suitable for Outdoor and Direct Burial applications.																	3000	12.0	39.4

BC = Bare Copper • DCR = DC Resistance • HDPE = High-density Polyethylene • PE = Polyethylene

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotations of cables not listed.

DS-3 and DS-4 Interconnect and Cross-connect Cable

735A* Series

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Cond.	Standard Lengths Ft.	Standard Lengths m	Standard Unit Weight Lbs.	Standard Unit Weight kg	Conductor (stranding) Diameter Nom. DCR	Nominal Core OD Inch	Nominal Core OD mm	Shielding Materials Nom. DCR	Nominal OD Inch	Nominal OD mm	Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance pF/Ft.	Nominal Capacitance pF/m	Nominal Attenuation Stand. Signal (Mb/s)	Nominal Attenuation MHz	Nominal Attenuation dB/ 100 Ft.	Nominal Attenuation dB/ 100m
26 AWG Solid .016″ (.40mm) Silver-plated Copper • Beldfoil® + 93% Tinned Copper Braid																					
Foam HDPE Insulation • Overall Gray PVC Jacket (Multiple coaxes feature inner Gray PVC jackets w/printed nos. for circuit ID)																					
	**735A1** new	NEC: CMR CEC: CMG FT4	1	500 1000	152.4 304.8	7.0 12.0	3.2 5.5	26 AWG (solid) .016″ SPC 41.0Ω/M′ 134.2Ω/km	.077	1.95	Beldfoil + 93% TC Braid 5.3Ω/M′ 17.3Ω/km	.129	3.38	75	76%	17.7	58.0	2	1.0	.6	2.0
																		CEPT-1	1.0	.6	2.0
																		CEPT-2	4.2	1.1	3.6
																		10	5.0	1.2	3.9
																		20	10.0	1.7	5.6
																		CEPT-3	17.2	2.2	7.2
																		DS-3	22.4	2.5	8.2
																		STS-1	25.9	2.7	8.9
																		89.472	44.7	3.6	11.8
																		100	50.0	3.8	12.5
																		CEPT-4	69.6	4.5	14.8
																		STS-3	77.8	4.8	15.7
																		200	100.0	5.5	18.0
																		DS-4	137.1	6.4	21.0
																		400	200.0	7.8	25.6
	**735A1T** new	NEC: CMR CEC: CMG FT4	1 w/T	500 1000	152.4 304.8	7.5 15.0	3.4 6.8	same as above	.077	1.95	same as above	.129 x .203	3.38 x 5.16								
	**735A2** new	NEC: CMR CEC: CMG FT4	2	500 1000	152.4 304.8	14.0 25.0	6.4 11.4	same as above	.077	1.95	same as above	.129 x .258	3.38 x 6.55								
Siamese versions feature zip cord design with printing on one leg.																					
	735A2T new	NEC: CMR CEC: CMG FT4	2 w/T	500 1000	152.4 304.8	15.0 27.0	6.8 12.3	same as above	.077	1.95	same as above	.129 x .332	3.38 x 8.43								
Siamese versions feature zip cord design with printing on one leg.																					
	**735A3** new	NEC: CMR CEC: CMG FT4	3	500 1000	152.4 304.8	26.5 50.0	12.0 22.7	same as above	.077 Coax OD: .129	1.95 3.38	same as above	.309	7.85								
	735A6 new	NEC: CMR CEC: CMG FT4	6	500 1000	152.4 304.8	45.5 92.0	20.7 41.8	same as above	.077 Coax OD: .129	1.95 3.38	same as above	.399	10.14								
	735A8	NEC: CMR CEC: CMG FT4	8	500 1000	152.4 304.8	63.0 121.0	28.6 55.0	same as above	.077 Coax OD: .129	1.95 3.38	same as above	.447	11.35								
	735A9	NEC: CMR CEC: CMG FT4	9	500 1000	152.4 304.8	69.5 133.0	31.6 60.5	same as above	.077 Coax OD: .129	1.95 3.38	same as above	.484	12.29								
	735A12 new	NEC: CMR CEC: CMG FT4	12	500 1000	152.4 304.8	94.5 187.0	43.0 85.0	same as above	.077 Coax OD: .129	1.95 3.38	same as above	.581	14.76								
	735A16 new	NEC: CMR CEC: CMG FT4	16	500 1000	152.4 304.8	123.5 250.0	56.1 113.6	same as above	.077 Coax OD: .129	1.95 3.38	same as above	.636	16.19								
	735A24 new	NEC: CMR CEC: CMG FT4	24	1000	304.8	405.0	184.1	same as above	.077 Coax OD: .129	1.95 3.38	same as above	.870	22.10								
Plenum • Foam FEP Insulation • Gray Flamarrest® Jacket																					
	**735A1P*** new	NEC: CMP CEC: CMP FT6	1	500 1000	152.4 304.8	8.0 15.0	3.6 6.8	same as above	.077	1.95	same as above	.129	3.38	75	76%	16.8	55.1	(same as above)			

100% Sweep tested.
RL: 30dB min. at 15 MHz to 95 MHz.

Non-plenum versions comply with Telcordia Specification GR-139-CORE.

100% Sweep tested.
RL: 30 dB min. at 15 MHz to 95 MHz.

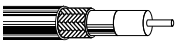
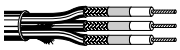
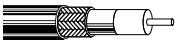
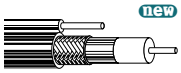
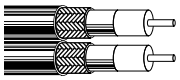
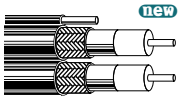
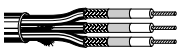
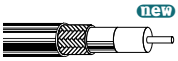
DCR = DC Resistance • HDPE = High-density Polyethylene • SPC = Silver-plated Copper • TC = Tinned Copper

See chart on page 6.56 for maximum transmission distances.

*Lucent Technologies reference specification. Belden equivalent. Minimum Return Loss @ 55 MHz to 95 MHz = 35dB.

DS-3 and DS-4 Interconnect and Cross-connect Cable

734A* and 734D* Series

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Cond.	Standard Lengths Ft.	Standard Lengths m	Standard Unit Weight Lbs.	Standard Unit Weight kg	Conductor (stranding) Diameter Nom. DCR	Nominal Core OD Inch	Nominal Core OD mm	Shielding Materials Nom. DCR	Nominal OD Inch	Nominal OD mm	Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance pF/Ft.	Nominal Capacitance pF/m	Nominal Attenuation Stand. Signal (Mb/s)	Nominal Attenuation MHz	Nominal Attenuation dB/ 100 Ft.	Nominal Attenuation dB/ 100m
20 AWG Solid .032″ (.81mm) Copper • Beldfoil® + 85% Tinned Copper Braid																					
Foam HDPE Insulation • Overall Gray PVC Jacket (Multiple coaxes feature inner Gray PVC jackets w/printed nos. for circuit ID)																					
	**734A1** new	NEC: CMR CEC: CMG FT4	1	500 1000	152.4 304.8	16.5 33.0	7.5 15.0	20 AWG (solid) .032″ BC 10.0Ω/M′ 32.8Ω/km	.148	3.67	Beldfoil + 85% TC Braid 2.4Ω/M′ 7.9Ω/km	.235	5.97	75	80%	16.8	55.1	2	1.0	.3	.8
																		CEPT-1	1.0	.3	.9
																		CEPT-2	4.2	.5	1.6
																		10	5.0	.6	1.8
																		20	10.0	.8	2.6
																		CEPT-3	17.2	1.0	3.2
																		DS-3	22.4	1.1	3.7
																		STS-1	25.9	1.2	4.0
																		89.472	44.7	1.6	5.2
																		100	50.0	1.7	5.6
																		CEPT-4	69.6	2.0	6.5
																		STS-3	77.8	2.1	6.9
																		200	100.0	2.5	8.2
																		DS-4	137.1	2.9	9.5
																		400	200.0	3.6	11.8
	**734A6** new	NEC: CMR CEC: CMG FT4	6	500 1000	152.4 304.8	141.0 290.0	64.1 131.8	same as above	.148 Coax OD: .235	3.67 5.97	same as above	.772	19.61								
	**734A12** new	NEC: CMR CEC: CMG FT4	12	500 1000	152.4 304.8	283.0 551.0	128.4 250.5	same as above	.148 Coax OD: .235	3.67 5.97	same as above	1.026	26.06								
100% Sweep tested. RL: 30dB min. at 15 MHz to 95 MHz. Non-plenum versions comply with Telcordia Specification GR-139-CORE.																					
Plenum • Foam FEP Insulation • Gray Flamarrest® Jacket																					
	**734A1P*** new	NEC: CMP CEC: CMP FT6	1	500 1000	152.4 304.8	18.0 34.0	8.2 15.5	same as above	.148	3.67	same as above	.215	5.46	75	80%	17.3	56.7	(same as above)			
100% Sweep tested. RL: 30dB min. at 15 MHz to 95 MHz.																					
20 AWG Solid .032″ (.81mm) Silver-plated Copper Conductor • Beldfoil + 85% Tinned Copper Braid																					
Foam HDPE Insulation • Overall Gray PVC Jacket (Multiple coaxes feature inner Gray PVC jackets w/printed nos. for circuit ID)																					
	**734D1** new	NEC: CMR CEC: CMG FT4	1	500 1000	152.4 304.8	17.0 34.0	7.7 15.5	20 AWG (solid) .032″ SPC 10.0Ω/M′ 32.8Ω/km	.148	3.67	Beldfoil + 85% TC Braid 2.4Ω/M′ 7.9Ω/km	.235	5.97	75	80%	16.8	55.1	2	1.0	.3	.8
																		CEPT-1	1.0	.3	.9
																		CEPT-2	4.2	.5	1.6
																		10	5.0	.6	1.8
																		20	10.0	.8	2.6
																		CEPT-3	17.2	1.0	3.2
																		DS-3	22.4	1.1	3.7
																		STS-1	25.9	1.2	4.0
																		89.472	44.7	1.6	5.2
																		100	50.0	1.7	5.6
																		CEPT-4	69.6	2.0	6.5
																		STS-3	77.8	2.1	6.9
																		200	100.0	2.5	8.2
																		DS-4	137.1	2.9	9.5
																		400	200.0	3.6	11.8
	**734D1T** new	NEC: CMR CEC: CMG FT4	1 w/T	500 1000	152.4 304.8	19.0 37.0	8.6 16.8	same as above	.148	3.67	same as above	.235 x .309	5.97 x 7.85								
	**734D2** new	NEC: CMR CEC: CMG FT4	2	500 1000	152.4 304.8	35.5 65.0	16.1 29.5	same as above	.148	3.67	same as above	.235 x .470	5.97 x 11.95								
Siamese versions feature zip cord design with printing on one leg.																					
	**734D2T** new	NEC: CMR CEC: CMG FT4	2 w/T	500 1000	152.4 304.8	39.0 72.0	17.7 32.7	same as above	.148	3.67	same as above	.235 x .550	5.97 x 13.97								
Siamese versions feature zip cord design with printing on one leg.																					
100% Sweep tested. RL: 30dB min. at 15 MHz to 95 MHz. Non-plenum versions comply with Telcordia Specification GR-139-CORE.																					
	**734D6** new	NEC: CMR CEC: CMG FT4	6	500 1000	152.4 304.8	141.0 290.0	64.1 131.8	same as above	.148 Coax OD: .235	3.67 5.97	same as above	.772	19.61								
	**734D12** new	NEC: CMR CEC: CMG FT4	12	500 1000	152.4 304.8	284.5 555.0	129.3 252.3	same as above	.148 Coax OD: .235	3.67 5.97	same as above	1.026	26.06								
Plenum • Foam FEP Insulation • Gray Flamarrest Jacket																					
	**734D1P*** new	NEC: CMP CEC: CMP FT6	1	500 1000	152.4 304.8	18.0 34.0	8.2 15.5	same as above	.148	3.67	same as above	.215	5.46	75	80%	17.3	56.7	(same as above)			
100% Sweep tested. RL: 30dB min. at 15 MHz to 95 MHz.																					

BC = Bare Copper • DCR = DC Resistance • HDPE = High-density Polyethylene • SPC = Silver-plated Copper • TC = Tinned Copper

See chart on page 6.56 for maximum transmission distances.

*Lucent Technologies reference specification. Belden equivalent.

DS-3 and DS-4 Interconnect and Cross-connect Cable

728A* and 720A* Series

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Cond.	Standard Lengths Ft.	Standard Lengths m	Standard Unit Weight Lbs.	Standard Unit Weight kg	Conductor (stranding) Diameter Nom. DCR	Nominal Core OD Inch	Nominal Core OD mm	Shielding Materials Nom. DCR	Nominal OD Inch	Nominal OD mm	Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance pF/Ft.	Nominal Capacitance pF/m	Nominal Attenuation Stand. Signal (Mb/s)	Nominal Attenuation MHz	Nominal Attenuation dB/ 100 Ft.	Nominal Attenuation dB/ 100m
20 AWG Solid .031″ Bare Copper • Two Tinned Copper Braids (98% Shield Coverage)																					
Polyethylene Insulation • Gray Non-contaminating PVC Jacket																					
Double Braid VW-1	**9231** (728A*)	NEC: CMH CEC: CMH FT1	1	500 1000	152.4 304.8	38.0 76.0	17.3 34.5	20 AWG (solid) .031″ BC 9.9Ω/M′ 32.5Ω/km	.198	5.03	TC Double Braid 98% Shield Coverage 1.1Ω/M′ 3.6Ω/km	.305	7.75	75	66%	20.5	68.9	2 CEPT-1 CEPT-2 10 20 CEPT-3 DS-3 STS-1 89.472 100 CEPT-4 STS-3 200 DS-4 400	1.0 1.0 4.2 5.0 10.0 17.2 22.4 25.9 44.7 50.0 69.6 77.8 100.0 137.1 200.0	.3 .3 .5 .6 .8 1.0 1.1 1.2 1.4 1.5 2.0 2.2 2.7 3.1 3.7	.8 .8 1.7 1.8 2.6 3.2 3.6 3.8 4.7 4.9 6.5 7.2 8.9 10.2 12.1

100% Sweep tested.
RL: 30dB min. at 15 MHz to 95 MHz.

Non-plenum versions comply with Telcordia Specification GR-139-CORE.

720A* Series Belden 720A Coaxial Cable Series is available by special request.
Contact the Belden Customer Service Department for quotes. 1-800-BELDEN-1.

BC = Bare Copper • DCR = DC Resistance • TC = Tinned Copper

See table below for maximum transmission distances.

*Lucent Technologies reference specification. Belden equivalent.

Maximum Transmission Distances for DS-3 and DS-4 Cable

Data Rates:	DS-3 (44.736 Mb/s)		STS-1 (51.86 Mb/s)		DS-4Na (CEPT-4) (139.264 Mb/s)		STS-3 (155.520 Mb/s)		DS-4 (274.176 Mb/s)	
Belden Part No.	**Interconnect**	**X-Connect**	**Interconnect**	**X-Connect**	**Interconnect**	**X-Connect**	**Interconnect**	**X-Connect**	**Interconnect**	**X-Connect**
735A Series and 7351AP	225 ft. (68.6m)	21 ft. (6.4m)	210 ft. (64.0m)	20 ft. (6.1m)	125 ft. (38.1m)	13 ft. (4.0m)	120 ft. (36.6m)	11 ft. (3.4m)	90 ft. (27.4m)	8 ft. (2.4m)
734A and 734D Series	450 ft. (137.2m)	43 ft. (13.1m)	420 ft. (128.0m)	40 ft. (12.2m)	250 ft. (76.2m)	24 ft. (7.3m)	240 ft. (73.2m)	22 ft. (6.7m)	180 ft. (54.9m)	17 ft. (5.2m)
734A1P and 734D1P	435 ft. (132m)	43 ft. (13m)	410 ft. (125m)	40 ft. (12m)	240 ft. (73m)	24 ft. (7m)	225 ft. (68m)	22 ft. (8m)	170 ft. (52m)	17 ft. (5m)
728A	425 ft. (129.5m)	—	380 ft. (115.8m)	—	220 ft. (67.1m)	—	210 ft. (64.0m)	—	155 ft. (47.2m)	—
720A Series	225 ft. (68.6m)	25 ft. (7.6m)	230 ft. (70.1m)	23 ft. (7.0m)	140 ft. (42.7m)	14 ft. (4.3m)	130 ft. (39.6m)	13 ft. (4.0m)	100 ft. (30.5m)	9 ft. (2.7m)

DS = Digital Signal • STS = Synchronous Transmission Signal • CEPT = European Conference of Postal and Telecommunications Administrations

Please note: The signal loss budget for individual installations will affect the exact transmission distance.

Low Loss 50 Ohm Wireless RF Transmission Cable

RG-174 Type

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m
RG-174 Type • 25 AWG Solid .018″ Bare Copper • Duofoil® + 90% Tinned Copper Braid Shield																			
Solid Polyethylene Insulation • Black PVC Jacket																			
RF100A	**7805**		100	30.5	2.4	1.1	25 AWG	.061	1.55	Duofoil	.110	2.79	50	66%	31.2	102.4	30	3.8	12.4
80°C	new		500	152.4	6.0	2.7	(solid)			+ 90% TC							50	4.9	16.1
			1000	304.8	10.0	4.5	.018″			Braid							150	8.6	28.2
							BC			9.1Ω/M′							220	10.4	34.2
							32.0Ω/M′			29.9Ω/km							450	15.2	49.9
							105.0Ω/km										900	22.0	72.3
																	1500	28.7	94.3
										100% Sweep tested. 6 GHz. Max. VSWR 1.25:1.							1800	31.7	104.0
																	2000	33.4	109.7
																	2500	37.8	124.2
																	3000	42.0	137.8
																	4500	52.3	171.5
																	5800	60.9	199.8
Mates with standard RG-174 connectors.																	6000	62.0	203.3
RG-174 Type • 24.5 AWG Solid .020″ Bare Copper • Duofoil + 90% Tinned Copper Braid Shield																			
Foam HDPE Insulation • Gray PVC Jacket																			
RF100LL	**7805R**	NEC:	100	30.5	2.4	1.1	24.5 AWG	.060	1.52	Duofoil	.110	2.79	50	73.5%	26.2	86.0	30	3.5	11.5
80°C	new	CMR	500	152.4	6.0	2.7	(solid)			+ 90% TC							50	4.6	15.0
		CEC:	1000	304.8	10.0	4.5	.020″			Braid							150	8.0	26.1
		CMG FT4					BC			9.4Ω/M′							220	9.6	31.6
							27.3Ω/M′			30.8Ω/km							450	14.0	46.1
							94.2Ω/km										900	20.2	66.4
																	1500	26.6	87.3
										100% Sweep tested. 6 GHz. Max. VSWR 1.25:1.							1800	29.5	96.7
																	2000	31.2	102.3
																	2500	35.4	116.3
																	3000	39.4	129.2
																	4500	50.0	164.2
																	5800	59.0	193.6
Mates with standard RG-174 connectors.																	6000	60.6	198.7

BC = Bare Copper • DCR = DC Resistance • HDPE = High-density Polyethylene • TC = Tinned Copper

Low Loss 50 Ohm Wireless RF Transmission Cable

RG-58 Type

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m
RG-58 Type • 19 AWG Solid .037″ Bare Copper • Duofoil® + 90% Tinned Copper Braid Shield																			
Gas-injected Foam HDPE Insulation • Black Polyethylene Jacket																			
RF195 80°C	**7806A** new		500 1000	152.4 304.8	14.5 26.0	6.6 11.8	19 AWG (solid) .037″ BC 7.6Ω/M′ 24.9Ω/km	.110	2.79	Duofoil + 90% TC Braid 4.2Ω/M′ 13.8Ω/km	.195	4.95	50	77%	24.3	79.7	30 50 150 220 450 900 1500 1800 2000 2500 3000 4500 5800 6000	2.0 2.5 4.0 4.9 7.1 10.3 13.7 15.2 16.1 18.3 20.5 26.5 31.2 32.0	6.6 8.2 13.3 16.1 23.4 33.8 44.8 49.7 52.8 60.1 67.3 86.8 102.4 105.0
100% Sweep tested. 6 GHz. Max. VSWR 1.25:1.																			
Mates with standard RG-58 connectors.* Suitable for Outdoor and Direct Burial applications.																			
Gas-injected Foam HDPE Insulation • Black PVC Jacket																			
RF195 80°C	**7806R** new	NEC: CMR CEC: CMG FT4	500 1000	152.4 304.8	16.0 29.0	7.3 13.2	19 AWG (solid) .037″ BC 7.6Ω/M′ 24.9Ω/km	.110	2.79	Duofoil + 90% TC Braid 4.2Ω/M′ 13.8Ω/km	.195	4.95	50	77%	24.3	79.7	30 50 150 220 450 900 1500 1800 2000 2500 3000 4500 5800 6000	2.0 2.5 4.0 4.9 7.1 10.3 13.7 15.2 16.1 18.3 20.5 26.5 31.2 32.0	6.6 8.2 13.3 16.1 23.4 33.8 44.8 49.7 52.8 60.1 67.3 86.8 102.4 105.0
100% Sweep tested. 6 GHz. Max. VSWR 1.25:1.																			
Mates with standard RG-58 connectors.*																			
RG-58 Type • 17 AWG Solid .044″ Bare Copper • Duofoil + 95% Tinned Copper Braid Shield																			
Gas-injected Foam HDPE Insulation • Black Polyethylene Jacket																			
RF200 80°C	**7807A** new		500 1000	152.4 304.8	15.0 27.0	6.8 12.3	17 AWG (solid) .044″ BC 3.3Ω/M′ 10.9Ω/km	.116	2.95	Duofoil + 95% TC Braid 4.2Ω/M′ 13.8Ω/km	.195	4.95	50	85%	23.5	77.1	30 50 150 220 450 900 1500 1800 2000 2500 3000 4500 5800 6000	1.6 2.1 3.7 4.5 6.5 9.2 12.0 13.2 14.0 15.7 17.5 22.0 25.2 26.0	5.4 7.0 12.1 14.6 21.2 30.1 39.2 43.2 45.8 51.6 57.3 72.3 82.7 85.1
100% Sweep tested. 6 GHz. Max. VSWR 1.25:1.																			
Mates with standard Land Mobile Radio type connectors. Suitable for Outdoor and Direct Burial applications.																			
Gas-injected Foam HDPE Insulation • Black PVC Jacket																			
RF200 80°C	**7807R** new	NEC: CMR CEC: CMG FT4	500 1000	152.4 304.8	15.5 29.0	7.0 13.2	17 AWG (solid) .044″ BC 3.3Ω/M′ 10.9Ω/km	.116	2.95	Duofoil + 95% TC Braid 4.2Ω/M′ 13.8Ω/km	.195	4.95	50	85%	23.5	77.1	30 50 150 220 450 900 1500 1800 2000 2500 3000 4500 5800 6000	1.6 2.1 3.7 4.5 6.5 9.2 12.0 13.2 14.0 15.7 17.5 22.0 25.2 26.0	5.4 7.0 12.1 14.6 21.2 30.1 39.2 43.2 45.8 51.6 57.3 72.3 82.7 85.1
100% Sweep tested. 6 GHz. Max. VSWR 1.25:1.																			
Mates with standard Land Mobile Radio type connectors.																			

BC = Bare Copper • DCR = DC Resistance • HDPE = High-density Polyethylene • TC = Tinned Copper

*Please consult Belden's website, www.belden.com, for complete listing.

Low Loss 50 Ohm Wireless RF Transmission Cable

RG-8X Type

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m

RG-8X Type • 15 AWG Solid .057″ Bare Copper • Duobond® II + 95% Tinned Copper Braid Shield

Gas-injected Foam HDPE Insulation • Black Polyethylene Jacket

RF240	**7808A**		500	152.4	20.0	9.1	15 AWG	.150	3.81	Duobond II	.240	6.10	50	86%	23.0	75.5	30	1.3	4.1
80°C	new		1000	304.8	39.0	17.7	(solid)			+ 95% TC							50	1.6	5.3
							.057″			Braid							150	2.8	9.3
							BC			3.5Ω/M′							220	3.4	11.1
							3.2Ω/M′			11.5Ω/km							450	4.9	16.1
							10.5Ω/km										900	7.0	22.9
																	1500	9.1	30.0
										100% Sweep tested. 6 GHz. Max. VSWR 1.25:1.							1800	10.1	33.2
																	2000	10.7	35.0
																	2500	12.0	39.5
																	3000	13.4	43.9
																	4500	16.7	54.7
Mates with standard RG-8X connectors.*																	5800	19.5	64.0
Suitable for Outdoor and Direct Burial applications.																	6000	19.8	65.0

Gas-injected Foam HDPE Insulation • Black PVC Jacket

RF240	**7808R**	NEC:	500	152.4	22.0	10.0	15 AWG	.150	3.81	Duobond II	.240	6.10	50	86%	23.0	75.5	30	1.3	4.1
80°C	new	CMR	1000	304.8	44.0	20.0	(solid)			+ 95% TC							50	1.6	5.3
		CEC:					.057″			Braid							150	2.8	9.3
		CMG FT4					BC			3.5Ω/M′							220	3.4	11.1
							3.2Ω/M′			11.5Ω/km							450	4.9	16.1
							10.5Ω/km										900	7.0	22.9
																	1500	9.1	30.0
										100% Sweep tested. 6 GHz. Max. VSWR 1.25:1.							1800	10.1	33.2
																	2000	10.7	35.0
																	2500	12.0	39.5
																	3000	13.4	43.9
																	4500	16.7	54.7
																	5800	19.5	64.0
Mates with standard RG-8X connectors.*																	6000	19.8	65.0

Gas-injected Foam HDPE Insulation • Flooded Water-resistant Black Polyethylene Jacket

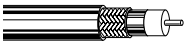
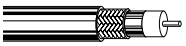
RF240	**7808WB**		500	152.4	20.0	9.1	15 AWG	.150	3.81	Duobond II	.240	6.10	50	86%	23.0	75.5	30	1.3	4.1
80°C	new		1000	304.8	39.0	17.7	(solid)			95% TC							50	1.6	5.3
							.057″			Braid							150	2.8	9.3
							BC			4.2Ω/M′							220	3.4	11.1
							7.6Ω/M′			13.8Ω/km							450	4.9	16.1
							24.9Ω/km										900	7.0	22.9
																	1500	9.1	30.0
										100% Sweep tested. 6 GHz. Max. VSWR 1.25:1.							1800	10.1	33.2
																	2000	10.7	35.0
																	2500	12.0	39.5
																	3000	13.4	43.9
																	4500	16.7	54.7
Mates with standard RG-8X connectors.*																	5800	19.5	64.0
Suitable for Outdoor and Direct Burial applications.																	6000	19.8	65.0

BC = Bare Copper • DCR = DC Resistance • HDPE = High-density Polyethylene • TC = Tinned Copper

*Please consult Belden's website, www.belden.com, for complete listing.

Low Loss 50 Ohm Wireless RF Transmission Cable

Intermediate Type

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m
Intermediate Type • 13 AWG Solid .072″ Bare Copper • Duobond® II + 95% Tinned Copper Braid Shield																			
Gas-injected Foam HDPE Insulation • Black Polyethylene Jacket																			
RF300 80°C	**7809A** new		500 1000	152.4 304.8	30.5 59.0	13.9 26.8	13 AWG (solid) .072″ BC 2.0Ω/M′ 6.6Ω/km	.190	4.83	Duobond II + 95% TC Braid 2.7Ω/M′ 8.8Ω/km	.300	7.62	50	86%	23.0	75.5	30 50 150 220 450 900 1500 1800 2000 2500 3000 4500 5800 6000	1.0 1.3 2.2 2.7 3.9 5.6 7.3 8.1 8.6 9.7 10.8 13.5 15.8 16.0	3.4 4.2 7.3 8.9 12.9 18.3 24.0 26.5 28.2 31.9 35.4 44.4 51.8 52.6
																			
100% Sweep tested. 6 GHz. Max. VSWR 1.25:1.																			
Mates with Land Mobile Radio type connectors. Suitable for Outdoor and Direct Burial applications.																			
Gas-injected Foam HDPE Insulation • Black PVC Jacket																			
RF300 80°C	**7809R** new	NEC: CMR CEC: CMG FT4	500 1000	152.4 304.8	34.0 65.0	15.5 29.5	13 AWG (solid) .072″ BC 2.0Ω/M′ 6.6Ω/km	.190	4.83	Duobond II + 95% TC Braid 2.7Ω/M′ 8.8Ω/km	.300	7.62	50	86%	23.0	75.5	30 50 150 220 450 900 1500 1800 2000 2500 3000 4500 5800 6000	1.0 1.3 2.2 2.7 3.9 5.6 7.3 8.1 8.6 9.7 10.8 13.5 15.8 16.0	3.4 4.2 7.3 8.9 12.9 18.3 24.0 26.5 28.2 31.9 35.4 44.4 51.8 52.6
																			
100% Sweep tested. 6 GHz. Max. VSWR 1.25:1.																			
Mates with Land Mobile Radio type connectors.*																			
Gas-injected Foam HDPE Insulation • Flooded Water-resistant Black Polyethylene Jacket																			
RF300 80°C	**7809WB** new		500 1000	152.4 304.8	30.5 59.0	13.9 26.8	13 AWG (solid) .072″ BC 2.0Ω/M′ 6.6Ω/km	.190	4.83	Duobond II + 95% TC Braid 2.7Ω/M′ 8.8Ω/km	.300	7.62	50	86%	23.0	75.5	30 50 150 220 450 900 1500 1800 2000 2500 3000 4500 5800 6000	1.0 1.3 2.2 2.7 3.9 5.6 7.3 8.1 8.6 9.7 10.8 13.5 15.8 16.0	3.4 4.2 7.3 8.9 12.9 18.3 24.0 26.5 28.2 31.9 35.4 44.4 51.8 52.6
																			
100% Sweep tested. 6 GHz. Max. VSWR 1.25:1.																			
Mates with Land Mobile Radio type connectors.* Suitable for Outdoor and Direct Burial applications.																			

BC = Bare Copper • DCR = DC Resistance • HDPE = High-density Polyethylene • TC = Tinned Copper

*Please consult Belden's website, www.belden.com, for complete listing.

Low Loss 50 Ohm Wireless RF Transmission Cable

RG-8 Type

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m

RG-8 Type • 10 AWG Solid .108″ Bare Copper-covered Aluminum • Duobond® II + 95% Tinned Copper Braid Shield

Gas-injected Foam HDPE Insulation • Black Polyethylene Jacket

RF400	**7810A**		500	152.4	42.5	19.3	10 AWG	.285	7.24	Duobond II	.405	10.29	50	86%	23.0	75.5	30	.7	2.1
80°C	new		1000	304.8	86.0	39.1	(solid)			+ 95% TC							50	.9	2.8
							.108″			Braid							150	1.5	4.9
							CCA			1.8Ω/M′							220	1.8	6.0
							1.3Ω/M′			5.8Ω/km							450	2.7	8.8
							4.4Ω/km										900	3.8	12.6
																	1500	5.1	16.6
										100% Sweep tested. 6 GHz. Max. VSWR 1.25:1.							1800	5.6	18.5
																	2000	6.0	19.6
																	2500	6.7	22.0
																	3000	7.5	24.4
																	4500	9.5	31.1
Mates with 9913 and Land Mobile Radio type connectors.*																	5800	11.1	36.4
Suitable for Outdoor and Direct Burial applications.																	6000	11.4	37.3

Gas-injected Foam HDPE Insulation • Black PVC Jacket

RF400	**7810R***	NEC:	500	152.4	48.5	22.0	10 AWG	.285	7.24	Duobond II	.405	10.29	50	86%	23.0	75.5	30	.7	2.1
80°C	new	CMR	1000	304.8	98.0	44.5	(solid)			+ 95% TC							50	.9	2.8
		CEC:					.108″			Braid							150	1.5	4.9
		CMG FT4					CCA			1.8Ω/M′							220	1.8	6.0
							1.3Ω/M′			5.8Ω/km							450	2.7	8.8
							4.4Ω/km										900	3.8	12.6
																	1500	5.1	16.6
										100% Sweep tested. 6 GHz. Max. VSWR 1.25:1.							1800	5.6	18.5
																	2000	6.0	19.6
																	2500	6.7	22.0
																	3000	7.5	24.4
																	4500	9.5	31.1
																	5800	11.1	36.4
Mates with 9913 and Land Mobile Radio type connectors.*																	6000	11.4	37.3

Gas-injected Foam HDPE Insulation • Flooded Water-resistant Black Polyethylene Jacket

RF400	**7810WB**		500	152.4	42.5	19.3	10 AWG	.285	7.24	Duobond II	.405	10.29	50	86%	23.0	75.5	30	.7	2.1
80°C	new		1000	304.8	86.0	39.1	(solid)			+ 95% TC							50	.9	2.8
							.108″			Braid							150	1.5	4.9
							CCA			1.8Ω/M′							220	1.8	6.0
							1.3Ω/M′			5.8Ω/km							450	2.7	8.8
							4.4Ω/km										900	3.8	12.6
																	1500	5.1	16.6
										100% Sweep tested. 6 GHz. Max. VSWR 1.25:1.							1800	5.6	18.5
																	2000	6.0	19.6
																	2500	6.7	22.0
																	3000	7.5	24.4
																	4500	9.5	31.1
Mates with 9913 and Land Mobile Radio type connectors.*																	5800	11.1	36.4
Suitable for Outdoor and Direct Burial applications.																	6000	11.4	37.3

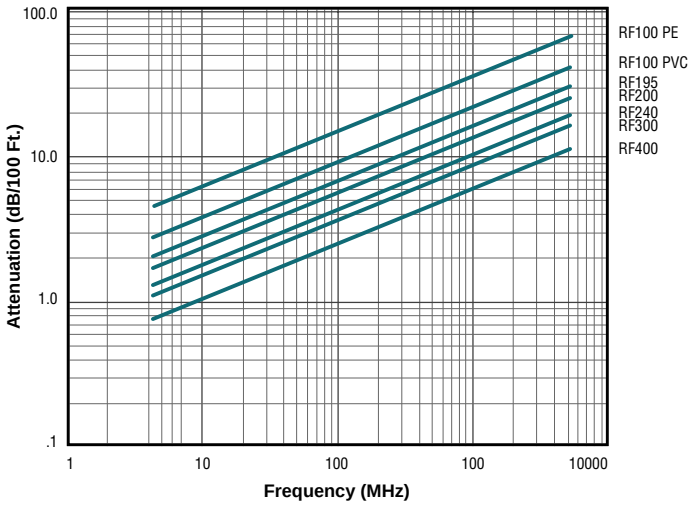
CCA = Copper-covered Aluminum • DCR = DC Resistance • HDPE = High-density Polyethylene • TC = Tinned Copper

*Please consult Belden's website, www.belden.com, for complete listing.

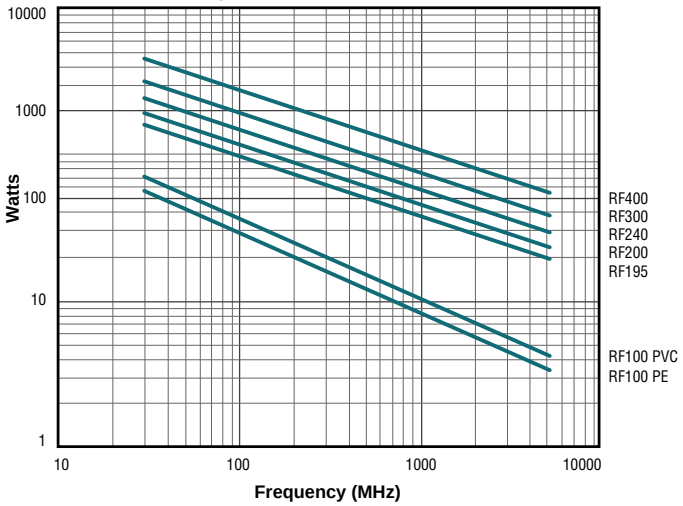
Low Loss 50 Ohm Wireless RF Transmission Coax

Electrical Characteristics

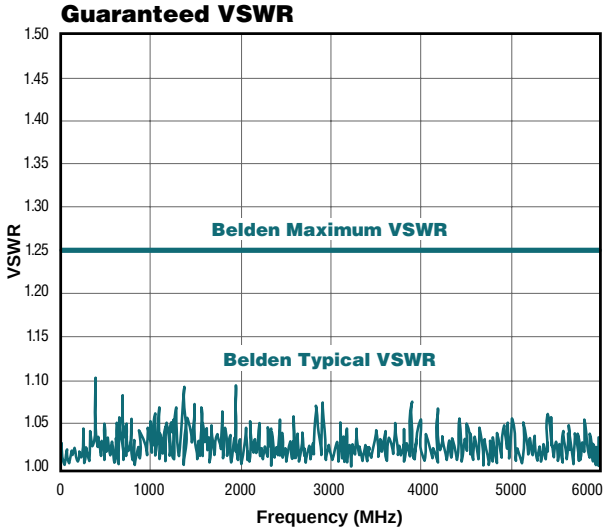
Attenuation



Power Rating



Guaranteed VSWR



Voltage Standing Wave Ratio is a measurement of the reflected power in a cable or instrument. The higher the VSWR the poorer the transmission characteristics of the cable.

Phase Stability

Phase Attribute	Typical Range (0.45 GHz to 6.0 GHz)	
	ppm/°C	Degree/GHz/m
Temperature (-40°C to +85°C)[1]	±9	±0.6
Bending & Flexing (25 cycles)[2]	NA	±1.1

1: Per IEC 60966-1 clause 8.8
2: Per IEC 60966-1 clause 8.6

RG Cable Replacement Guide

Part Number	Size	Replacing
7805	RF100A	RG-174/U
7805R	RF100LL	RG-174/U
7806A	RF195	RG-58/U
7807A	RF200	RG-58/U
7808A	RF240	RG-8X
7809A	RF300	RG-8X
7810A	RF400	RG-8U

50 Ohm Transmission and Computer Cable

RG-188A/U, RG-174/U and RG-58/U Type

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m
RG-174/U Type • 26 AWG Stranded (7x34) .019″ Bare Copper-covered Steel • 90% Tinned Copper Braid Shield																			
Polyethylene Insulation • Black PVC Jacket																			
UL AWM Style 1354 (30V 60°C)	**8216**		100 500 1000††	30.5 152.4 304.8	1.0 5.5 9.0	.5 2.5 4.1	26 AWG (7x34) .019″ BCCS 97.0Ω/M′ 318.2Ω/km	.060	1.52	TC Braid 90% Shield Coverage 10.7Ω/M′ 35.1Ω/km	.110	2.79	50	66%	30.8	101.0	1 10 50 100 200 400 700 900 1000	1.9 3.3 5.8 8.4 12.5 19.0 27.0 31.0 34.0	6.2 10.8 19.0 27.6 41.0 62.3 88.6 101.7 111.5
RG-188A/U Type • 26 AWG Stranded (7x34) .007″ Silver-coated Copper-covered Steel • 96% Silver-coated Copper Braid Shield																			
TFE Teflon® Insulation • White TFE Tape Jacket																			
200°C VW-1 MIL-C-17D	**83269**		100† 500† 1000†	30.5 152.4 304.8	2.8 7.0 12.0	1.3 3.2 5.5	26 AWG (7x34) .007″ SCCCS 91.2Ω/M′ 299.2Ω/km	.058	1.47	SCC Braid 96% Shield Coverage 8.5Ω/M′ 27.9Ω/km	.098 ±.004	2.49 ±.10	50	69.5%	29.0	95.1	1 10 50 100 200 400 700 900 1000	1.2 2.7 5.6 8.3 12.0 17.5 23.7 27.3 29.0	3.9 8.9 18.4 27.2 39.4 57.4 77.8 89.6 95.1
RG-58/U Type • 20 AWG Solid .033″ Bare Copper • 78% Bare Copper Braid Shield																			
Polyethylene Insulation • Black PVC Jacket																			
75°C	**9201**		U-500 500 U-1000 1000	U-152.4 152.4 U-304.8 304.8	13.0 15.5 26.0 25.0	5.9 7.0 11.8 11.4	20 AWG (solid) .033″ BC 10.0Ω/M′ 33.1Ω/km	.116	2.95	BC Braid 78% Shield Coverage 5.5Ω/M′ 18.0Ω/km	.193	4.90	51.5	66%	28.5	93.5	1 10 50 100 200 400 700 900 1000	.3 1.1 2.5 3.8 5.6 8.4 11.7 13.7 14.5	1.1 3.6 8.2 12.5 18.4 27.6 38.4 44.9 47.6
RG-58/U Type • 20 AWG Solid .033″ Bare Copper • Duobond® II + 55% Tinned Copper Braid Shield																			
Polyethylene Insulation • Black PVC Jacket																			
UL AWM Style 1354 (30V 60°C)	**9310***		500 U-1000 1000	152.4 U-304.8 304.8	14.0 23.0 23.0	6.4 10.5 10.5	20 AWG (solid) .033″ BC 10.0Ω/M′ 33.1Ω/km	.114	2.90	Duobond II + 55% TC Braid 14.0Ω/M′ 45.9Ω/km	.193	4.90	50	66%	30.8	101.0	1 10 50 100 200 400 700 900 1000	.5 1.4 2.8 3.8 5.4 7.9 11.1 12.8 13.9	1.5 4.6 9.2 12.5 17.7 25.9 36.4 42.0 45.6

BCCS = Bare Copper-covered Steel • DCR = DC Resistance • SCC = Silver-coated Copper • SCCCS = Silver-coated Copper-covered Steel • TC = Tinned Copper

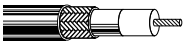
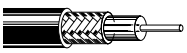
Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotations of RG/U cables not listed.

*See Belden's website, www.belden.com, for connector information.
†Spools may contain more than one piece. Length may vary ±10% from length shown.
††Multi-piece spool (max. 3 pieces, min. length 100′). Length may vary ±10% from length shown.

Teflon is a DuPont trademark.

50 Ohm Transmission and Computer Cable

RG-58A/U Type

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths Ft.	Standard Lengths m	Standard Unit Weight Lbs.	Standard Unit Weight kg	Conductor (stranding) Diameter Nom. DCR	Nominal Core OD Inch	Nominal Core OD mm	Shielding Materials Nom. DCR	Nominal OD Inch	Nominal OD mm	Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance pF/Ft.	Nominal Capacitance pF/m	Nominal Attenuation MHz	Nominal Attenuation dB/ 100 Ft.	Nominal Attenuation dB/ 100m
RG-58A/U Type • 20 AWG Stranded (19x32) .037″ Tinned Copper • 96% Tinned Copper Braid Shield																			
Foam Polyethylene Insulation • Black or White PVC Jacket																			
UL AWM Style 1354 (30V 80°C)	**8219**	NEC: CM CEC: CM	U-500▲ 500 U-1000▲ 1000	U-152.4 152.4 U-304.8 304.8	14.0 16.0 27.0 27.0	6.4 7.3 12.3 12.3	20 AWG (19x32) .037″ TC 8.8Ω/M′ 28.9Ω/km	.114	2.90	TC Braid 96% Shield Coverage 4.1Ω/M′ 13.4Ω/km	.194	4.93	53.5	73%	26.5	86.9	1 10 50 100 200 400 700 900 1000	.4 1.3 3.1 4.5 6.6 10.0 14.2 16.6 18.1	1.2 4.3 10.2 14.8 21.7 32.8 46.6 54.5 59.4
																			
P-MSHA • SC-182/5* ▲U-500 ft. and U-1000 ft. put-ups available in White only.																			
RG-58A/U Type • 20 AWG Stranded (19x32) .037″ Tinned Copper • Duobond® II + 55% Tinned Copper Braid Shield																			
Foam Polyethylene Insulation • Black PVC Jacket																			
UL AWM Style 1354 (30V 80°C)	**9311****	NEC: CM CEC: CM	500 U-1000 1000	152.4 U-304.8 304.8	14.5 23.0 23.0	6.6 10.5 10.5	20 AWG (19x32) .037″ TC 8.8Ω/M′ 28.9Ω/km	.114	2.90	Duobond II + 55% TC Braid 17.0Ω/M′ 55.8Ω/km	.193	4.90	52	75%	26.0	85.3	1 10 50 100 200 400 700 900 1000	.5 1.5 2.9 4.0 5.7 8.5 12.2 14.5 15.8	1.6 4.9 9.5 13.1 18.7 27.9 40.0 47.6 51.8
																			
RG-58A/U Type • 20 AWG Stranded (19x33) .035″ Tinned Copper • 95% Tinned Copper Braid Shield																			
Polyethylene Insulation • Black PVC Jacket																			
75°C	**8259**		100 U-500 500 U-1000 1000	30.5 U-152.4 152.4 U-304.8 304.8	3.5 13.5 16.0 27.0 27.0	1.6 6.1 7.3 12.3 12.3	20 AWG (19x33) .035″ TC 10.8Ω/M′ 35.4Ω/km	.116	2.95	TC Braid 95% Shield Coverage 4.1Ω/M′ 13.4Ω/km	.192	4.88	50	66%	30.8	101.0	1 10 50 100 200 400 700 900 1000	.4 1.5 3.7 5.4 8.1 12.4 17.7 21.1 22.8	1.4 4.9 12.1 17.7 26.6 40.7 58.1 69.2 74.8
																			
RG-58A/U Type • 20 AWG Solid .032″ Bare Copper • 95% Tinned Copper Braid Shield																			
Polyethylene Insulation • Black PVC Jacket																			
UL AWM Style 1354 (30V 80°C)	**8240**	NEC: CMX CEC: CMX	100 U-500 500 U-1000 1000	30.5 U-152.4 152.4 U-304.8 304.8	3.7 14.5 16.0 28.0 28.0	1.7 6.6 7.3 12.7 12.7	20 AWG (solid) .033″ BC 10.0Ω/M′ 32.8Ω/km	.116	2.95	TC Braid 95% Shield Coverage 4.1Ω/M′ 13.4Ω/km	.193	4.90	51.5	66%	28.5	93.5	1 10 50 100 200 400 700 900 1000	.3 1.1 2.5 3.8 5.6 8.4 11.7 13.7 14.5	1.1 3.6 8.2 12.5 18.4 27.6 38.4 44.9 47.6
											For Plenum versions of 8240, see 88240 or 82240.								
Plenum • FEP Insulation • Black FEP Jacket																			
200°C	**88240**	NEC: CMP CEC: CMP FT6	500† 1000†	152.4 304.8	14.0 26.0	6.4 11.8	20 AWG (solid) .032″ BC 10.2Ω/M′ 33.5Ω/km	.107	2.72	TC Braid 95% Shield Coverage 6.7Ω/M′ 22.0Ω/km	.159	4.04	53.5	69.5%	26.4	86.6	1 10 50 100 200 400 700 900 1000	.5 1.2 3.0 4.3 6.4 9.7 13.7 16.1 17.3	1.6 3.9 9.8 14.2 21.0 31.7 45.0 52.8 56.6
																			
Plenum • FEP Insulation • Natural Flamarrest® Jacket																			
75°C	**82240**	NEC: CMP CEC: CMP FT6	U-500† U-1000† 1000†	U-152.4 U-304.8 304.8	12.5 25.0 25.0	5.7 11.4 11.4	20 AWG (solid) .032″ BC 10.2Ω/M′ 33.5Ω/km	.107	2.72	TC Braid 95% Shield Coverage 6.7Ω/M′ 22.0Ω/km	.159	4.04	53.5	69.5%	26.4	86.6	1 10 50 100 200 400 700 900 1000	.5 1.2 3.0 4.3 6.4 9.7 13.7 16.1 17.3	1.6 3.9 9.8 14.2 21.0 31.7 45.0 52.8 56.6
																			

BC = Bare Copper • DCR = DC Resistance • TC = Tinned Copper

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotation of RG/U cables not listed.

*Pennsylvania Department of Environmental Resource and United States Mine Safety and Health Administration certification. **See Belden's website, www.belden.com, for connector information.
†Spools and/or UnReel® cartons are one piece, but length may vary ±10% from length shown.

50 Ohm Transmission and Computer Cable

RG-8X and RG-8/U Type

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m
RG-8X Type • 16 AWG Stranded (19x29) .058″ Bare Copper • 95% Bare Copper Braid Shield																			
Foam Polyethylene Insulation • Black PVC Jacket																			
UL AWM Style 1354 (30V 80°C)	**9258**	NEC: CM CEC: CM	U-500 500 U-1000 1000▲	U-152.4 152.4 U-304.8 304.8	20.0 20.0 40.0 40.0	9.1 9.1 18.2 18.2	16 AWG (19x29) .058″ BC 4.3Ω/M′ 14.1Ω/km	.155	3.94	BC Braid 95% Shield Coverage 3.3Ω/M′ 10.8Ω/km	.242	6.15	50	82%	24.8	81.4	1 10 50 100 200 400 700 900 1000	.3 .9 2.1 3.1 4.5 6.6 9.1 10.7 11.2	.8 2.9 6.9 10.2 14.8 21.7 29.9 35.1 36.7
▲1000 ft. put-up also available in White.																			
RG-8/U Type • 13 AWG Stranded (7x21) .085″ Bare Copper • 97% Bare Copper Braid Shield																			
Polyethylene Insulation • Black PVC Jacket																			
75°C	**8237**	NEC: CMH CEC: CMH FT1	100 500 1000	30.5 152.4 304.8	13.3 56.5 112.0	6.0 25.7 50.9	13 AWG (7x21) .085″ BC 1.9Ω/M′ 6.2Ω/km	.285	7.24	BC Braid 97% Shield Coverage 1.2Ω/M′ 3.9Ω/km	.405	10.29	52	66%	28.5	93.5	1 10 50 100 200 400 700 900 1000 4000	.2 .6 1.3 1.9 2.8 4.2 5.9 6.9 7.4 23.2	.5 1.8 4.3 6.2 9.2 13.8 19.4 22.6 24.3 76.1
JAN-C-17A																			
Polyethylene Insulation • Black Non-contaminating PVC Jacket																			
UL AWM Style 1354 (30V 60°C)	**9251**	NEC: CMX CEC: CMX	500 1000	152.4 304.8	58.0 115.0	26.4 52.3	13 AWG (7x21) .085″ BC 1.9Ω/M′ 6.2Ω/km	.285	7.24	BC Braid 97% Shield Coverage 1.2Ω/M′ 3.9Ω/km	.405	10.29	52	66%	28.5	93.5	1 10 50 100 200 400 700 900 1000 4000	.2 .6 1.3 1.9 2.8 4.2 5.9 6.9 7.4 23.2	.5 1.8 4.3 6.2 9.2 13.8 19.4 22.6 24.3 76.1
MIL-C-17D																			
RG-8/U Type • 11 AWG Stranded (7x19) .108″ Bare Copper • 97% Bare Copper Braid Shield																			
Foam Polyethylene Insulation • Black PVC Jacket																			
UL AWM Style 1354 (30V 80°C)	**8214**	NEC: CM CEC: CM	100 500 1000	30.5 152.4 304.8	14.2 61.0 121.0	6.5 27.7 55.0	11 AWG (7x19) .108″ BC 1.2Ω/M′ 3.9Ω/km	.285	7.24	BC Braid 97% Shield Coverage 1.1Ω/M′ 3.6Ω/km	.403	10.24	50	78%	26	85.3	1 10 50 100 200 400 700 900 1000 4000	.1 .5 1.2 1.7 2.6 3.9 5.6 6.5 7.0 21.5	.5 1.7 3.9 5.6 8.5 12.8 18.4 21.3 23.0 70.5

BC = Bare Copper • DCR = DC Resistance • HDPE = High-density Polyethylene • TC = Tinned Copper

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotations of RG/U cables not listed.

50 Ohm Transmission and Computer Cable

RG-8/U Type

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m
RG-8/U Type • 10 AWG Solid .108″ Bare Copper • Duobond® II + 90% Tinned Copper Braid Shield																			
Semi-solid Polyethylene Insulation • Black PVC Jacket																			
Low Loss 75°C	**9913**		100	30.5	14.0	6.4	10 AWG (solid) .108″ BC .9Ω/M′ 3.0Ω/km	.286	7.26	Duobond II + 90% TC Braid 1.8Ω/M′ 5.9Ω/km	.405	10.29	50	84%	24.6	80.7	1	.3	1.0
			250	76.2	31.3	14.2											10	.5	1.6
			500	152.4	57.5	26.1											50	1.1	3.6
			1000	304.8	114.0	57.8											100	1.6	5.1
											For Plenum version of 9913, see 89913.						200	2.2	7.2
																	400	3.1	10.1
																	700	4.1	13.3
																	900	4.6	15.1
																	1000	4.8	15.9
																	4000	9.6	31.5
RG-8/U Type • 10 AWG Stranded (7x19) .108″ Bare Copper • Duobond II + 95% Tinned Copper Braid Shield																			
Gas-injected Foam HDPE Insulation • Matte Black Belflex® Jacket																			
Low Loss High-Flex 80°C	**9913F7**		100	30.5	12.4	5.6	10 AWG (7x19) .108″ BC 1.1Ω/M′ 3.7Ω/km	.285	7.24	Duobond II + 95% TC Braid 1.1Ω/M′ 3.6Ω/km	.405	10.29	50	83%	24.6	80.7	1	.4	1.3
			250	76.2	27.5	12.5											10	.6	2.1
			500	152.4	52.0	23.6											50	1.3	4.4
			1000	304.8	102.0	46.4											100	1.8	6.0
																	200	2.5	8.4
																	400	3.5	11.5
																	700	4.6	15.0
																	900	5.1	16.9
																	1000	5.4	17.7
																	4000	10.3	33.8
RG-8/U Type • 10 AWG Solid .108″ Bare Copper • Duobond II + 90% Tinned Copper Braid Shield																			
Plenum • Semi-solid FEP Insulation • Black Fluorocopolymer Jacket																			
150°C	**89913**	NEC: CMP CEC: CMP FT6	500†	152.4	63.0	28.6	10 AWG (solid) .108″ BC .9Ω/M′ 3.0Ω/km	.295	7.49	Duobond II + 90% TC Braid 1.8Ω/M′ 5.9Ω/km	.364	9.25	50	83%	25.0	82.0	1	.1	.3
			1000†	304.8	128.0	58.2											10	.4	1.3
																	50	1.0	3.3
																	100	1.6	5.2
																	200	2.3	7.5
																	400	3.4	11.1
																	700	5.0	16.4
																	900	6.0	19.7
																	1000	6.9	22.6
																	4000	17.0	55.8
RG-8/U Type • 10 AWG Solid .103″ Bare Copper • Duobond II + 95% Tinned Copper Braid Shield																			
Gas-injected Foam HDPE Insulation • Black PVC Jacket																			
Low Loss UL AWM Style 1354 (30V 80°C)	**9914**	NEC: CMG CEC: CMG FT4	500	152.4	60.0	27.3	10 AWG (solid) .103″ BC 1.2Ω/M′ 3.9Ω/km	.285	7.24	Duobond II + 95% TC Braid 1.1Ω/M′ 3.6Ω/km	.403	10.24	50	82%	24.8	81.4	1	.4	1.3
			1000	304.8	119.0	54.1											10	.6	2.1
																	50	1.3	4.4
																	100	1.8	6.0
																	200	2.5	8.4
																	400	3.5	11.5
																	700	4.6	15.0
																	900	5.1	16.9
																	1000	5.4	17.7
																	4000	10.3	33.8
RG-8/U Type • 10 AWG Solid .108″ Bare Copper • Duofoil® + 90% Tinned Copper Braid Shield																			
Plenum • Foam FEP Insulation • Black Fluorocopolymer Jacket																			
Low Loss 125°C	**7733A**	NEC: CMP CEC: CMP FT6	500	152.4	53.5	24.3	10 AWG (solid) .108″ BC .9Ω/M′ 3.0Ω/km	.280	7.11	Duofoil + 90% TC Braid 1.8Ω/M′ 5.9Ω/km	.355	9.01	50	84%	24.2	79.4	1	.1	.3
			1000	304.8	105.0	47.7											10	.4	1.3
																	50	1.1	3.6
																	100	1.5	4.9
																	200	2.1	6.9
																	400	3.2	10.5
																	700	4.5	14.8
																	900	5.7	18.7
																	1000	5.9	19.4
																	4000	14.1	46.3

BC = Bare Copper • DCR = DC Resistance • HDPE = High-density Polyethylene • TC = Tinned Copper

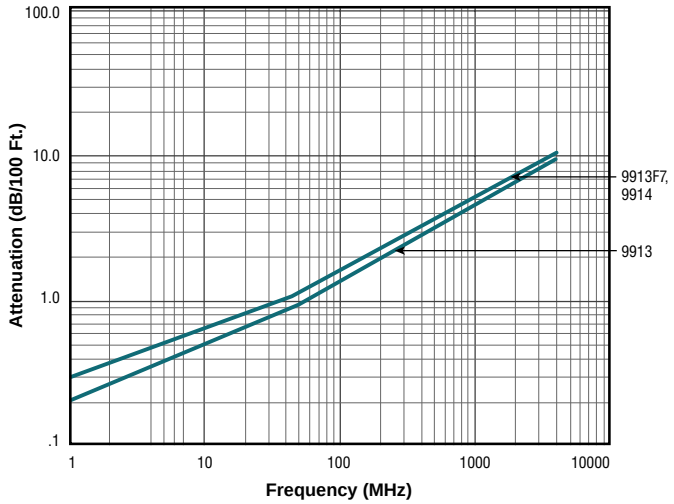
Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotations of RG/U cables not listed.

†Spools are one piece, but length may vary ±10% from length shown.

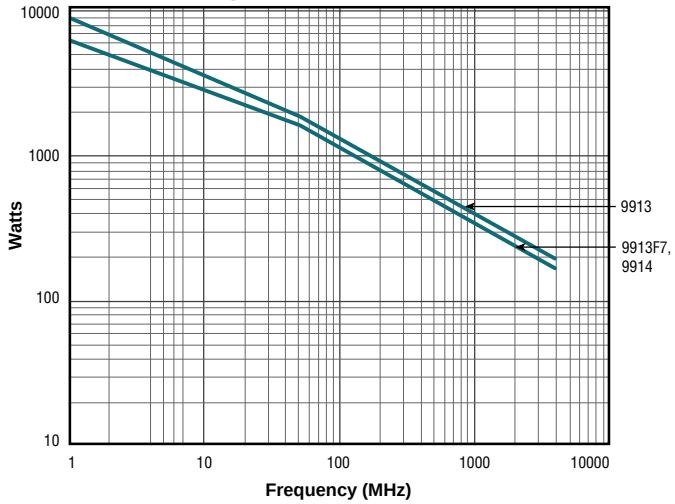
50 Ohm Transmission Cable

Electrical Characteristics of 9913, 9913F7 and 9914

Attenuation



Power Rating



Conformable® Coax Cable

50 Ohm Microwave Cables

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths Ft.	Standard Lengths m	Standard Unit Weight Lbs.	Standard Unit Weight kg	Conductor (stranding) Diameter Nom. DCR	Nominal Core OD Inch	Nominal Core OD mm	Shielding Materials Nom. DCR	Nominal OD Inch	Nominal OD mm	Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance pF/Ft.	Nominal Capacitance pF/m	Nominal Attenuation MHz	Nominal Attenuation dB/ 100 Ft.	Nominal Attenuation dB/ 100m
M17/151 Type • 29 AWG Solid .011″ Silver-coated Copper-covered Steel • Copper-Tin Composite Shield (100% Coverage)																			
TFE Teflon® Insulation • Unjacketed																			
UL AWM Style 10245 (30V 105°C)	**1674A***		50† 100† 500† 1000†	15.2 30.5 152.4 304.8	.2 .4 2.0 5.0	.1 .2 .9 2.3	29 AWG (solid) .011″ SCCCS 205.0Ω/M′ 672.4Ω/km	.034	.85	CT Composite 100% Shield Coverage 8.0Ω/M′ 26.2Ω/km	.047	1.19	50	69.5%	29.5	96.8	500 1000 2000 3000 5000 7000 10000 15000 18000 20000	25.0 36.7 53.8 67.3 89.2 107.5 130.9 163.8 181.1 192.0	82.0 120.3 176.5 220.8 292.8 352.6 429.5 537.4 594.3 630.0
M17/151 Type • 29 AWG Solid .011″ Silver-plated Copper • Copper-Tin Composite Shield (100% Coverage)																			
TFE Teflon Insulation • Unjacketed																			
UL AWM Style 10245 (30V 105°C)	**1674B*** new		100† 500† 1000†	30.5 152.4 304.8	.4 2.0 5.0	.2 .9 2.3	29 AWG (solid) .011″ SPC 81.2Ω/M′ 266.4Ω/km	.034	.85	CT Composite 100% Shield Coverage 8.0Ω/M′ 26.2Ω/km	.047	1.19	50	69.5%	29.5	96.8	500 1000 2000 3000 5000 7000 10000 15000 18000 20000	25.0 36.7 53.8 67.3 89.2 107.5 130.9 163.8 181.1 192.0	82.0 120.3 176.5 220.8 292.8 352.6 429.5 537.4 594.3 630.0
RG-405/U Type • 24 AWG Solid .020″ Silver-coated Copper-covered Steel • Copper-Tin Composite Shield (100% Coverage)																			
TFE Teflon Insulation • Unjacketed																			
UL AWM Style 10245 (30V 105°C)	**1671A***		50† 100† 500† 1000†	15.2 30.5 152.4 304.8	2.8 3.3 8.0 14.0	1.3 1.5 3.6 6.4	24 AWG (solid) .020″ SCCCS 64.2Ω/M′ 210.6Ω/km	.062	1.57	CT Composite 100% Shield Coverage 10.2Ω/M′ 33.5Ω/km	.085	2.16	50	69.5%	29.5	96.8	500 1000 2000 3000 5000 7000 10000 15000 18000 20000	13.0 19.4 28.8 36.4 48.7 59.1 72.6 91.6 101.7 108.0	42.7 63.5 94.5 119.3 159.9 194.0 238.0 300.4 333.6 354.3
TFE Teflon Insulation • PVC Jacket (Black or Clear)																			
UL AWM Style 10245 (30V 105°C)	**1671J***		100† 500† 1000†	30.5 152.4 304.8	3.7 9.5 18.0	1.7 4.7 8.2	24 AWG (solid) .020″ SCCCS 64.2Ω/M′ 210.6Ω/km	.062	1.57	CT Composite 100% Shield Coverage 10.2Ω/M′ 33.5Ω/km	.127	3.23	50	69.5%	29.5	96.8	500 1000 2000 3000 5000 7000 10000 15000 18000 20000	13.0 19.4 28.8 36.4 48.7 59.1 72.6 91.6 101.7 108.0	47.2 63.5 94.5 119.3 159.9 194.0 238.0 300.4 333.6 354.3
RG-405/U Type • 24 AWG Solid .020″ Silver-plated Copper • Copper-Tin Composite Shield (100% Coverage)																			
TFE Teflon Insulation • Unjacketed																			
UL AWM Style 10245 (30V 105°C)	**1671B** new		100† 500† 1000†	30.5 152.4 304.8	3.3 8.0 14.0	1.5 3.6 6.4	24 AWG (solid) .020″ SPC 25.7Ω/M′ 84.3Ω/km	.062	1.57	CT Composite 100% Shield Coverage 10.2Ω/M′ 33.5Ω/km	.085	2.16	50	69.5%	29.5	96.8	500 1000 2000 3000 5000 7000 10000 15000 18000 20000	13.0 19.4 28.8 36.4 48.7 59.1 72.6 91.6 101.7 108.0	47.2 63.5 94.5 119.3 159.9 194.0 238.0 300.4 333.6 354.3

CT = Copper-Tin • DCR = DC Resistance • SCCCS = Silver-coated Copper-covered Steel • SPC = Silver-plated Copper

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**.

*Protected by one or more of U.S. Patent Nos. 4,694,122 and 5,292,001. Patent held in the U.S., Singapore, Australia, Germany, France and England. Patent pending in Japan.

†50 ft. put-up: Exact 1 piece
100 ft. put-up: Exact 2 pieces (maximum), 25 feet minimum length
250 ft. put-up: Exact 3 pieces (maximum), 25 feet minimum length
500 ft. put-up: Exact 4 pieces (maximum), 25 feet minimum length
1000 ft. put-up: Exact 3 pieces (maximum), 328 feet minimum length

Teflon is a Dupont trademark.

Conformable® Coax Cable

50 Ohm Microwave Cables

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m
RG-402/U Type • 19 AWG Solid .036″ Silver-coated Copper-covered Steel • Copper-Tin Composite Shield (100% Coverage)																			
TFE Teflon® Insulation • Unjacketed																			
UL AWM Style 10245 (30V 105°C)	**1673A***		50†	15.2	4.1	1.8	19 AWG (solid) .036″ SCCCS 20.5Ω/M′ 67.2Ω/km	.116	2.95	CT Composite 100% Shield Coverage 4.5Ω/M′ 14.8Ω/km	.138	3.51	50	69.5%	29.5	96.8	500	8.0	26.2
			100†	30.5	4.7	2.1											1000	12.0	39.5
			250†	76.2	8.8	4.0											2000	18.1	59.3
			500†	152.4	15.0	6.8											3000	22.9	75.3
																	5000	31.0	101.6
																	7000	37.8	123.9
																	10000	46.6	152.8
																	15000	59.1	193.9
																	18000	65.8	215.9
																	20000	70.0	229.7
TFE Teflon Insulation • PVC Jacket (Black or Clear)																			
UL AWM Style 10245 (30V 105°C)	**1673J***		100†	30.5	5.1	2.3	19 AWG (solid) .036″ SCCCS 20.5Ω/M′ 67.2Ω/km	.116	2.95	CT Composite 100% Shield Coverage 4.5Ω/M′ 14.8Ω/km	.178	4.52	50	69.5%	29.5	96.8	500	8.0	26.2
			500†	152.4	17.5	8.0											1000	12.0	39.5
																	2000	18.1	59.3
																	3000	22.9	75.3
																	5000	31.0	101.6
																	7000	37.8	123.9
																	10000	46.6	152.8
																	15000	59.1	193.9
																	18000	65.8	215.9
																	20000	70.0	229.7
RG-402/U Type • AWG 19 Solid .036″ Silver-plated Copper • Copper-Tin Composite Shield (100% Coverage)																			
TFE Teflon Insulation • Unjacketed																			
UL AWM Style 10245 (30V 105°C)	**1673B*** new		100†	30.5	4.7	2.1	19 AWG (solid) .036″ SPC 7.9Ω/M′ 25.9Ω/km	.116	2.95	CT Composite 100% Shield Coverage 4.5Ω/M′ 14.8Ω/km	.138	3.51	50	69.5%	29.5	96.8	500	8.0	26.2
			250†	76.2	8.5	3.9											1000	12.0	39.5
			500†	152.4	15.0	6.8											2000	18.1	59.3
																	3000	22.9	75.3
																	5000	31.0	101.6
																	7000	37.8	123.9
																	10000	46.6	152.8
																	15000	59.1	193.9
																	18000	65.8	215.9
																	20000	70.0	229.7
RG-401/U Type •14 AWG Solid .065″ Silver-plated Copper • Copper-Tin Composite Shield (100% Coverage)																			
TFE Teflon Insulation • Unjacketed																			
UL AWM Style 10245 (30V 105°C)	**1675A*** new		50†	15.2	4.1	1.8	14 AWG (solid) .065″ SPC 2.5Ω/M′ 8.2Ω/km	.210	5.33	CT Composite 100% Shield Coverage 8.0Ω/M′ 26.2Ω/km	.246	6.25	50	69.5%	29.6	97.1	400	3.8	12.6
			100†	30.5	8.1	3.7											500	4.4	14.4
			250†	76.2	20.3	9.2											1000	6.8	22.2
			500†	152.4	40.5	18.4											2000	10.4	34.2
																	3000	13.4	44.1
																	5000	18.5	60.6
																	7000	22.8	74.7
																	10000	28.4	93.3
																	15000	36.6	120.1
																	18000	41.0	134.5
TFE Teflon Insulation • Clear PVC Jacket																			
UL AWM Style 10245 (30V 105°C)	**1675J*** new		50†	15.2	4.5	2.0	14 AWG (solid) .065″ SPC 2.5Ω/M′ 8.2Ω/km	.210	5.33	CT Composite 100% Shield Coverage 8.0Ω/M′ 26.2Ω/km	.286	7.26	50	69.5%	29.6	97.1	400	3.8	12.6
			100†	30.5	9.0	4.1											500	4.4	14.4
			250†	76.2	22.8	10.3											1000	6.8	22.2
			500†	152.4	45.0	20.5											2000	10.4	34.2
																	3000	13.4	44.1
																	5000	18.5	60.6
																	7000	22.8	74.7
																	10000	28.4	93.3
																	15000	36.6	120.1
																	18000	41.0	134.5

CT = Copper-Tin • DCR = DC Resistance • SCCCS = Silver-coated Copper-covered Steel • SPC = Silver-plated Copper

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**.

*Protected by one or more of U.S. Patent Nos. 4,694,122 and 5,292,001. Patent held in the U.S., Singapore, Australia, Germany, France and England. Patent pending in Japan.

†50 ft. put-up: Exact 1 piece
100 ft. put-up: Exact 2 pieces (maximum), 25 feet minimum length
250 ft. put-up: Exact 3 pieces (maximum), 25 feet minimum length
500 ft. put-up: Exact 4 pieces (maximum), 25 feet minimum length
1000 ft. put-up: Exact 3 pieces (maximum), 328 feet minimum length

Teflon is a DuPont trademark.

Conformable® Coax Cable

75 Ohm High-Frequency Video Cables

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m
29 AWG Solid .011″ Silver-coated Copper-covered Steel • Copper-Tin Composite Shield (100% Coverage)																			
TFE Teflon® Insulation • Unjacketed																			
UL AWM Style 10245 (30V 105°C)	**1672A***		500† 1000†	152.4 304.8	8.0 14.0	3.6 6.4	29 AWG (solid) .011″ SCCCS 205.0Ω/M′ 672.4Ω/km	.062	1.57	CT Composite 100% Shield Coverage 10.2Ω/M′ 33.5Ω/km	.085	2.21	75	69.5%	19.5	64.0	1 10 50 100 200 400 500 700 900 1000	1.2 2.4 4.5 6.6 10.0 15.0 17.0 21.0 24.0 26.0	3.9 7.9 14.8 21.6 32.8 49.2 55.8 68.9 78.7 85.3
TFE Teflon Insulation • PVC Jacket (Black or Clear)																			
UL AWM Style 10245 (30V 105°C)	**1672J***		100†▲ 500† 1000†	30.5 152.4 304.8	3.1 9.5 17.0	1.4 4.3 7.7	29 AWG (solid) .011″ SCCCS 205.0Ω/M′ 672.4Ω/km	.062	1.57	CT Composite 100% Shield Coverage 10.2Ω/M′ 33.5Ω/km	.127	3.23	75	69.5%	19.5	64.0	1 10 50 100 200 400 500 700 900 1000	1.2 2.4 4.5 6.6 10.0 15.0 17.0 21.0 24.0 26.0	3.9 7.9 14.8 21.6 32.8 49.2 55.8 68.9 78.7 85.3
▲100 ft. put-up available in Clear only.																			
29 AWG Solid .011″ Silver-plated Copper • Copper-Tin Composite Shield (100% Coverage)																			
TFE Teflon Insulation • Unjacketed																			
UL AWM Style 10245 (30V 105°C)	**1672B*** new		100† 500† 1000†	30.5 152.4 304.8	3.3 8.0 14.0	1.5 3.6 6.4	29 AWG (solid) .011″ SPC 81.2Ω/M′ 266.4Ω/km	.062	1.57	CT Composite 100% Shield Coverage 10.2Ω/M′ 33.5Ω/km	.087	2.21	75	69.5%	19.5	64.0	1 10 50 100 200 400 500 700 900 1000	1.2 2.4 4.5 6.6 10.0 15.0 17.0 21.0 24.0 26.0	3.9 7.9 14.8 21.7 32.8 49.2 55.8 68.9 78.7 85.3
Non-ferrous design.																			

CT = Copper Tin • DCR = DC Resistance • SCCCS = Silver-coated Copper-covered Steel • SPC = Silver-plated Copper

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*Protected by one or more of U.S. Patent Nos. 4,694,122 and 5,292,001. Patent held in the U.S., Singapore, Australia, Germany, France and England. Patent pending in Japan.

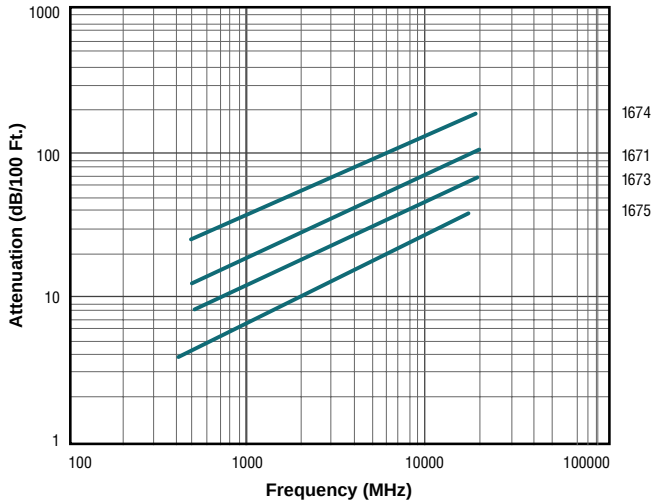
†50 ft. put-up: Exact 1 piece
100 ft. put-up: Exact 2 pieces (maximum), 25 feet minimum length
250 ft. put-up: Exact 3 pieces (maximum), 25 feet minimum length
500 ft. put-up: Exact 4 pieces (maximum), 25 feet minimum length
1000 ft. put-up: Exact 3 pieces (maximum), 328 feet minimum length

Teflon is a DuPont trademark.

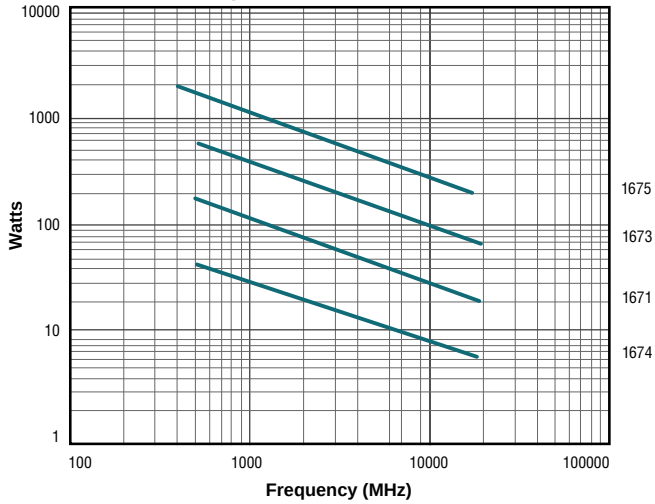
Conformable® Coax Cable

Electrical Characteristics

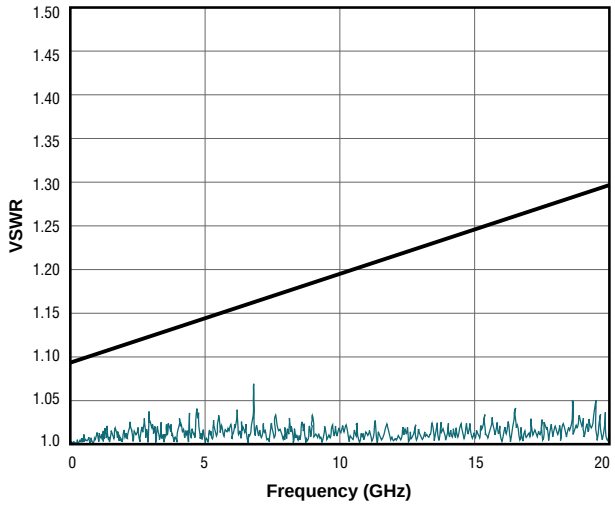
Attenuation



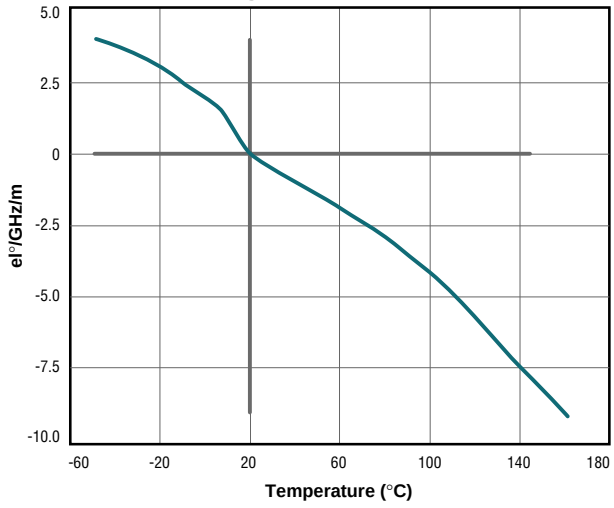
Power Rating



Guaranteed VSWR



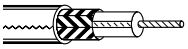
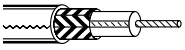
Phase Stability



Conformable Coax cable is an alternative to semi-rigid and flexible coax for “black box” applications involving internal, head-end wiring of electronic equipment, delay lines, and high-frequency applications.

MIL-C-17G QPL Cable

50 Ohm Coax

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m
30 AWG Stranded (7x38) .012″ Silver-coated Copper-covered Steel • Silver-coated Copper Braid Shield																			
TFE Teflon® Insulation • White FEP Jacket																			
200°C	**83265**		100†	30.5	.8	.4	30 AWG	.033	.84	SCC Braid	.071	1.80	50	69.5%	29.0	95.1	1	2.6	8.5
VW-1			500†	152.4	3.5	1.6	(7x38)			96% Shield							10	5.6	18.4
			1000†	304.8	7.0	3.2	.012″			Coverage							50	10.5	34.4
							SCCCS			14.6Ω/M′							100	14.0	45.9
							244.0Ω/M′			47.9Ω/km							200	19.0	62.3
							801.0Ω/km										400	28.0	91.9
																	700	37.0	121.4
																	900	42.5	139.4
M17/169-00001 (RG-178B/U). Non-SWR swept version of RG-178.																	1000	46.0	150.9
26 AWG Stranded (7x.006″) .020″ Silver-coated Copper-covered Steel • 95% Silver-coated Copper Braid Shield																			
TFE Teflon Insulation • White FEP Jacket																			
200°C	**83284**		100†	30.5	1.2	.5	26 AWG	.058	1.47	SCC Braid	.098	2.49	50	69.5%	29.0	95.1	1	1.2	3.9
VW-1			500†	152.4	6.0	2.7	(7x.006″)			95% Shield							10	2.7	8.9
			1000†	304.8	11.0	5.0	.020″			Coverage							50	5.6	18.4
							SCCCS			6.5Ω/M′							100	8.3	27.2
							84.1Ω/M′			27.9Ω/km							200	12.0	39.4
							275.9Ω/km										400	17.5	57.4
																	700	23.7	77.8
																	900	27.3	89.6
M17/172-00001 (RG-316/U). Non-SWR swept version of RG-316.																	1000	29.0	95.1
TFE Teflon Insulation • Brown FEP Jacket																			
200°C	**84316**		100†	30.5	1.2	.5	26 AWG	.058	1.47	SCC Braid	.098	2.44	50	69.5%	29.0	95.1	1	1.2	3.9
VW-1			500†	152.4	6.0	2.7	(7x.006″)			95% Shield							10	2.7	8.9
			1000†	304.8	11.0	5.0	.020″			Coverage							50	5.6	18.4
							SCCCS			6.5Ω/M′							100	8.3	27.2
							84.1Ω/M′			27.9Ω/km							200	12.0	39.4
							275.9Ω/km										400	17.5	57.4
																	700	23.7	77.8
																	900	27.3	89.6
M17/113-RG316																	1000	29.0	95.1
22 AWG Stranded (27x36) .030″ Tinned Copper • 95% Tinned Copper Braid Shield																			
Polyethylene Insulation • Black Non-contaminating PVC Jacket																			
UL AWM	**9252**	NEC:	1000	304.8	20.0	9.1	22 AWG	.096	2.44	TC Braid	.160	4.06	50	66%	30.8	101.0	1	.4	1.3
Style 1354		CMX					(27x36)			Shield							10	1.7	5.6
(30V 60°C)		CEC:					.030″			95% Shield							50	4.5	14.8
		CMX					TC			Coverage							100	7.0	23.0
							17.1Ω/M′			5.2Ω/M′							200	11.0	36.1
							56.1Ω/km			17.1Ω/km							400	16.5	54.1
																	700	23.5	77.1
																	900	27.3	89.6
M17/157-00001 (RG-122/U).Non-SWR swept version of RG-122.																	1000	29.0	95.1

DCR = DC Resistance • SCC = Silver-coated Copper • SCCCS = Silver-coated Copper-covered Steel • TC = Tinned Copper

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**.

†Spools may contain more than one piece. Length may vary ±10% from length shown.

Teflon is a DuPont trademark.

MIL-C-17G QPL Cable

50 Ohm Coax

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths Ft.	Standard Lengths m	Standard Unit Weight Lbs.	Standard Unit Weight kg	Conductor (stranding) Diameter Nom. DCR	Nominal Core OD Inch	Nominal Core OD mm	Shielding Materials Nom. DCR	Nominal OD Inch	Nominal OD mm	Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance pF/Ft.	Nominal Capacitance pF/m	Nominal Attenuation MHz	Nominal Attenuation dB/ 100 Ft.	Nominal Attenuation dB/ 100m
20 AWG Stranded (19x33) .035″ Tinned Copper • 95% Tinned Copper Braid Shield																			
Polyethylene Insulation • Black Non-contaminating PVC Jacket																			
85°C	**9203**		500	152.4	15.5	7.0	20 AWG (19x33) .035″ TC 10.8Ω/M′ 35.4Ω/km	.116	2.95	TC Braid 95% Shield Coverage 4.1Ω/M′ 13.4Ω/km	.195	4.95	50	66%	30.8	101.0	1	.4	1.4
			1000	304.8	26.0	11.8											10	1.4	4.6
																	50	3.3	10.8
																	100	4.9	16.1
																	200	7.3	24.0
																	400	11.5	37.7
																	700	17.0	55.8
																	900	20.0	65.6
M17/28-RG58																	1000	21.5	70.5
85°C	**8262**		U-500	U-152.4	14.0	6.4	20 AWG (19x33) .035″ TC 10.8Ω/M′ 35.4Ω/km	.115	2.92	TC Braid 95% Shield Coverage 4.1Ω/M′ 13.4Ω/km	.195	4.90	50	66%	30.8	101.0	1	.4	1.4
			500	152.4	16.0	4.3											10	1.4	4.6
			U-1000	U-304.8	27.0	12.3											50	3.3	10.8
			1000	304.8	27.0	12.3											100	4.9	16.1
																	200	7.3	24.0
																	400	11.5	37.7
																	700	17.0	55.8
																	900	20.0	65.6
M17/155-00001 (RG-58C/U). Non-SWR swept version of RG-58.																	1000	21.5	70.5
19 AWG Solid .034″ Silver-coated Copper • Two Silver-coated Copper Braids (95% Shield Coverage)																			
Polyethylene Insulation • Black Non-contaminating PVC Jacket																			
UL AWM	**9273**	NEC:	100	30.5	4.7	2.1	19 AWG (solid) .034″ SCC 8.8Ω/M′ 28.9Ω/km	.117	2.95	(2) SCC Braids 95% Shield Coverage 2.5Ω/M′ 8.2Ω/km	.212	5.38	50	66%	30.8	101.0	1	.4	1.1
Style 1354		CMX	U-500	U-152.4	19.5	8.9											10	1.2	3.9
(30V 60°C)		CEC:	500	152.4	22.0	10.0											50	2.8	9.2
		CMX	U-1000	U-304.8	39.0	17.7											100	4.1	13.5
			1000	304.8	39.0	17.7											200	6.0	19.7
																	400	8.8	28.9
																	700	12.0	39.4
																	900	13.8	45.3
M17/167-00001 (RG-223/U). Non-SWR swept version of RG-223.																	1000	14.5	47.6
18 AWG Solid .037″ Silver-coated Copper-covered Steel • Two Silver-coated Copper Braids (96% Shield Coverage)																			
Plenum • TFE Teflon® Insulation • Tinted Brown FEP Jacket																			
200°C	**84142**	NEC:	100†	30.5	6.2	2.8	18 AWG (solid) .037″ SCCCS 19.3Ω/M′ 63.3Ω/km	.116	2.95	(2) SCC Braids 96% Shield Coverage 2.3Ω/M′ 7.5Ω/km	.195	4.95	50	70%	29.0	95.1	1	.3	1.1
VW-1		CMP	500†	152.4	23.0	10.5											10	1.1	3.6
		CEC:	1000†	304.8	48.0	21.8											50	2.7	8.9
		CMP FT6															100	3.9	12.8
																	200	5.6	18.4
																	400	6.9	22.6
																	700	11.0	36.1
																	900	12.5	41.0
M17/60-RG142																	1000	13.5	44.3
200°C	**83242**	NEC:	100†	30.5	6.5	3.0	18 AWG (solid) .037″ SCCCS 19.3Ω/M′ 63.3Ω/km	.116	2.95	(2) SCC Braids 96% Shield Coverage 2.3Ω/M′ 7.5Ω/km	.195	4.95	50	70%	29.0	95.1	1	.3	1.1
VW-1		CMP	500†	152.4	23.0	10.5											10	1.1	3.6
		CEC:	1000†	304.8	48.0	21.8											50	2.7	8.9
		CMP FT6															100	3.9	12.8
																	200	5.6	18.4
																	400	6.9	22.6
																	700	11.0	36.1
																	900	12.5	41.0
M17/158-00001 (RG-142B/U).Non-SWR swept version of RG-142.																	1000	13.5	44.3
18 AWG Solid .037″ Silver-coated Copper-covered Steel • 95% Silver-coated Copper Braid Shield																			
Plenum • TFE Teflon Insulation • Tinted Brown FEP Jacket																			
200°C	**84303**	NEC:	500†	152.4	17.0	7.7	18 AWG (solid) .037″ SCCCS 16.3Ω/M′ 53.5Ω/km	.116	2.95	SCC Braid Shield 95% Shield Coverage 4.3Ω/M′ 14.1Ω/km	.170	4.31	50	70%	29.0	95.1	1	.3	1.1
VW-1		CL2P	1000†	304.8	32.0	14.5											10	1.1	3.6
																	50	2.7	8.9
																	100	3.9	12.8
																	200	5.6	18.4
																	400	8.2	26.9
																	700	11.0	36.1
																	900	12.5	41.0
M17/111-RG303																	1000	13.5	44.3

DCR = DC Resistance • SCC = Silver-coated Copper • SCCCS = Silver-coated Copper-covered Steel • TC = Tinned Copper

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†Spools may contain more than one piece. Length may vary ±10% from length shown.

Teflon is a DuPont trademark.

MIL-C-17G QPL Cable

50 Ohm Coax

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m
15.5 AWG Solid .056″ Silver-coated Copper • Two Silver-coated Copper Braids (95% Shield Coverage)																			
Polyethylene Insulation • Black Non-contaminating PVC Jacket																			
85°C	**9861**		1000	304.8	91.0	41.4	15.5 AWG (solid) .056″ SCC 3.3Ω/M′ 10.8Ω/km	.185	4.70	(2) SCC Braids 95% Shield Coverage 1.1Ω/M′ 3.6Ω/km	.332	8.43	50	66%	30.8	101.0	1	.3	.9
																	10	.8	2.7
																	50	1.9	6.2
																	100	2.7	8.9
																	200	4.1	13.5
																	400	5.9	19.4
																	700	8.0	26.2
																	900	9.1	29.9
M17/162-00001 (RG-212/U). Non-SWR swept version of RG-212.																	1000	9.8	32.1
13 AWG Stranded (7x21) .089″ Bare Copper • 97% Bare Copper Braid Shield																			
Polyethylene Insulation • Black Non-contaminating PVC Jacket																			
UL AWM Style 1354 (30V 60°C)	**8267**	NEC: CMX CEC: CMX	500 1000	152.4 304.8	57.0 113.0	25.9 51.4	13 AWG (7x21) .089″ BC 1.7Ω/M′ 5.6Ω/km	.285	7.24	BC Braid 97% Shield Coverage 1.2Ω/M′ 3.9Ω/km	.405	10.29	50	66%	30.8	101.0	1	.2	.6
																	10	.6	1.8
																	50	1.3	4.3
																	100	1.9	6.2
																	200	2.7	8.9
																	400	4.1	13.5
																	700	6.5	21.3
																	900	7.6	24.9
																	1000	8.0	26.2
M17/163-00001 (RG-213/U). Non-SWR swept version of RG-213.																	4000	21.5	70.5
13 AWG Stranded (7x21) .089″ Silver-coated Copper • Two Silver-coated Copper Braids (97% Shield Coverage)																			
Polyethylene Insulation • Black Non-contaminating PVC Jacket																			
UL AWM Style 1354 (30V 60°C)	**8268**	NEC: CMX CEC: CMX	500 1000	152.4 304.8	68.0 135.0	30.9 61.4	13 AWG (7x21) .089″ SCC 1.7Ω/M′ 5.6Ω/km	.285	7.24	(2) SCC Braids 97% Shield Coverage .7Ω/M′ 2.3Ω/km	.425	10.80	50	66%	30.8	101.0	1	.2	.6
																	10	.6	1.8
																	50	1.3	4.3
																	100	1.9	6.2
																	200	2.7	8.9
																	400	4.1	13.4
																	700	6.5	21.3
																	900	7.6	24.9
																	1000	8.0	26.2
M17/164-00001 (RG-214/U). Non-SWR swept version of RG-214.																	4000	20.0	65.6

BC = Bare Copper • DCR = DC Resistance • SCC= Silver-coated Copper

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MIL-C-17G QPL Cable

75 Ohm Coax

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m
30 AWG Stranded (7x38) .012″ Silver-coated Copper-covered Steel • Silver-coated Copper Braid Shield																			
TFE Teflon® Insulation • Tinted Brown FEP Jacket																			
200°C	**83264**		100†	30.5	1.2	.5	30 AWG	.062	1.58	SCC Braid	.100	2.54	75	69.5%	19.5	64.0	1	3.0	9.8
VW-1			500†	152.4	6.0	2.7	(7x38)			95% Shield							10	5.3	17.4
			1000†	304.8	11.0	5.0	.012″			Coverage							50	8.5	27.9
							SCCCS			8.5Ω/M′							100	10.0	32.8
							244.0Ω/M′			28.2Ω/km							200	12.5	41.0
							801.0Ω/km										400	16.0	52.5
																	700	19.7	64.6
																	900	22.3	73.2
M17/94-RG179																	1000	24.0	78.7
23 AWG Solid .023″ Bare Copper-covered Steel • 95% Bare Copper Braid Shield																			
Polyethylene Insulation • Black Non-contaminating PVC Jacket																			
60°C	**9204**	NEC:	500	152.4	22.0	10.0	23 AWG	.146	3.71	BC Braid	.241	6.12	75	66%	20.5	67.3	1	.6	2.0
VW-1		CMH	U-1000	U-304.8	38.0	17.3	(solid)			95% Shield							10	1.1	3.6
		CEC:	1000	304.8	38.0	17.3	.023″			Coverage							50	2.4	7.9
		CMH FT1					BCCS			2.6Ω/M′							100	3.4	11.2
							47.0Ω/M′			8.5Ω/km							200	4.9	16.1
							152.4Ω/km										400	7.0	23.0
																	700	9.7	31.8
																	900	11.1	36.4
M17/29-RG59																	1000	12.0	39.4
18 AWG Stranded (7x26) .048″ Tinned Copper • 97% Bare Copper Braid Shield																			
Polyethylene Insulation • Black Non-contaminating PVC Jacket																			
60°C	**9212**	NEC:	1000	304.8	105.0	47.7	18 AWG	.285	7.24	BC Braid	.405	10.29	75	66%	20.5	67.3	1	.2	.6
VW-1		CMH					(7x26)			97% Shield							10	.7	2.2
		CEC:					.048″			Coverage							50	1.3	4.3
		CMH FT1					TC			1.2Ω/M′							100	2.0	6.6
							6.1Ω/M′			3.9Ω/km							200	2.9	9.5
							20.0Ω/km										400	4.2	13.8
																	700	5.8	19.0
																	900	6.9	22.6
M17/6-RG11																	1000	7.2	23.6
18 AWG Stranded (7x26) .048″ Tinned Copper • Two Bare Copper Braid Shield (95% Shield Coverage)																			
Polyethylene Insulation • Black Non-contaminating PVC Jacket																			
60°C	**9850**	NEC:	1000	304.8	131.0	59.5	18 AWG	.285	7.24	(2) BC	.425	10.80	75	66%	20.5	67.3	1	.2	.6
VW-1		CMH					(7x26)			Braids							10	.7	2.2
		CEC:					.048″			95% Shield							50	1.3	4.3
		CMH FT1					TC			Coverage							100	2.0	6.6
							6.1Ω/M′			.8Ω/M′							200	2.9	9.5
							20.0Ω/km			2.6Ω/km							400	4.2	13.8
																	700	5.8	19.0
																	900	6.8	22.3
M17/77-RG216																	1000	7.1	23.3

BC = Bare Copper BCCS = Bare Copper-covered Steel • DCR = DC Resistance • TC = Tinned Copper

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**.

† Spools may contain more than one piece. Length may vary ±10% from length shown.

Teflon is a DuPont trademark.

MIL-C-17G QPL Cable

93 Ohm, 95 Ohm and 125 Ohm Coax

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m
93 Ohm • 22 AWG Solid .025″ Bare Copper-covered Steel • 95% Bare Copper Braid Shield																			
Semi-solid Polyethylene Insulation • Black Non-contaminating PVC Jacket																			
UL AWM Style 1354 (30V 60°C)	**9862**	NEC: CMX CEC: CMX	1000	304.8	34.0	15.5	22 AWG (solid) .025″ BCCS 41.2Ω/M′ 135.1Ω/km	.146	3.71	BC Braid 95% Shield Coverage 2.9Ω/M′ 9.5Ω/km	.242	6.15	93	84%	13.5	44.3	1 10 50 100 200 400 700 900 1000	.3 .9 1.9 2.7 3.8 5.3 7.3 8.2 8.7	.8 2.8 6.2 8.9 12.5 17.4 23.9 26.9 28.5
																			
M17/30-RG62																			
93 Ohm • 22 AWG Solid .025″ Bare Copper-covered Steel • BC Outer Braid/TC Inner Braid (95% Shield Coverage)																			
Semi-solid Polyethylene Insulation • Black Polyethylene Jacket																			
85°C	**9169**		1000	304.8	46.0	20.9	22 AWG (solid) .025″ BCCS 41.2Ω/M′ 135.1Ω/km	.146	3.71	(2) Braids Inner: BC Outer: TC 95% Shield Coverage 1.5Ω/M′ 4.9Ω/km	.245	6.22	93	84%	13.5	44.3	1 10 50 100 200 400 700 900 1000	.3 .9 1.9 2.7 3.8 5.3 7.3 8.2 8.7	.8 2.8 6.2 8.9 12.5 17.4 23.9 26.9 28.5
																			
M17/90-RG71																			
95 Ohm • 30 AWG Stranded (7x38) .012″ Silver-coated Copper-covered Steel • Silver-coated Copper Braid Shield																			
TFE Teflon® Insulation • Tinted Brown FEP Jacket																			
200°C VW-1	**83266**		1000†	304.8	20.0	9.1	30 AWG (7x38) .012″ SCCCS 244.0Ω/M′ 801.0Ω/km	.102	2.60	SCC Braid 91% Shield Coverage 6.5Ω/M′ 21.3Ω/km	.141	3.58	95	69.5%	15.0	49.2	1 10 50 100 200 400 700 900 1000	2.4 3.3 4.6 5.7 7.6 10.7 14.9 15.9 17.0	7.9 10.8 15.1 18.7 24.9 35.1 48.9 52.2 55.8
																			
M17/95-RG180																			
125 Ohm • 22 AWG Solid .025″ Bare Copper-covered Steel • 97% Bare Copper Braid Shield																			
Semi-solid Polyethylene Insulation • Black Non-contaminating PVC Jacket																			
60°C	**9857**	NEC: CMH CEC: CMH FT1	1000	304.8	87.0	39.5	22 AWG (solid) .025″ BCCS 41.2Ω/M′ 135.1Ω/km	.285	7.24	BC Braid 97% Shield Coverage 1.2Ω/M′ 3.9Ω/km	.405	10.29	125	84%	9.7	31.8	1 10 50 100 200 400 700 900 1000	.2 .5 1.1 1.5 2.3 3.4 4.6 5.5 5.8	.6 1.7 3.6 4.9 7.5 11.2 15.1 18.0 19.0
																			
M17/31-RG63																			

BC = Bare Copper • BCCS = Bare Copper-covered Steel • DCR = DC Resistance • TC = Tinned Copper

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**.

Teflon is a DuPont trademark.

MIL-C-17G QPL Cable

Twinax

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m
Twinax • 24 AWG Stranded (19x.005″) .024″ Silver-coated High-Strength Copper Alloy • 93% SC High Strength CA Braid Shield																			
TFE Teflon® Insulation • Blue PFA Jacket (Color Code: White, Blue)																			
200°C	**81553**		500†	152.4	9.0	4.1	24 AWG	.084	2.13	SC High	.129	3.28	77	70%	19.0	62.4	1	1.2	3.9
			1000†	304.8	17.0	7.7	(19x.005″)			Strength							10	4.0	14.4
							.024″			CA Braid							50	9.2	30.2
							SC High			93% Shield							100	13.0	42.7
							Strength			Coverage							200	18.4	60.4
							CA			7.4Ω/M′							400	26.1	85.6
							24.5Ω/M′			24.3Ω/km							700	34.6	113.5
M17/176-00002							80.4Ω/km										900	39.3	128.9
																	1000	41.4	135.8
Twinax • 20 AWG Stranded (7x28) .038″ Tinned Copper • 85% Tinned Copper Braid Shield																			
Polyethylene Insulation • Black Non-contaminating PVC Jacket (One conductor has bare strand for ID)																			
85°C	**9859**		1000	304.8	35.0	15.9	20 AWG	.158	4.01	TC Braid	.235	5.97	78	66%	19.7	64.6	1	.7	2.3
							(7x28)			85% Shield							10	2.3	7.5
							.038″			Coverage							50	5.2	17.1
							TC			5.3Ω/M′							100	7.5	24.6
							9.5Ω/M′			17.3Ω/km							200	11.0	36.1
							31.2Ω/km										400	16.0	52.5
M17/45-RG108																			

CA = Copper Alloy • DCR = DC Resistance • PFA = Perfluoroalkoxy • SC = Silver-coated • TC = Tinned Copper

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**.

†Spools may contain more than one piece. Length may vary ±10% from length shown.

Teflon is a DuPont trademark.

Special Audio, Communication and Instrumentation Cable

Miniature Instrumentation and Low Triboelectric Noise Coax

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m
Miniature • 28 AWG Solid .013″ Tinned Copper • 90% Bare Copper Braid Shield																			
Polypropylene Insulation • Black PVC Jacket																			
105°C VW-1	**8700**	NEC: CMH CEC: CMH FT1	250	76.2	.8	.3	28 AWG (solid) .013″ TC 66.9Ω/M′ 219.5Ω/km	.023	.58	BC Braid 90% Shield Coverage 28.7Ω/M′ 94.2Ω/km	.054	1.37	32	66%	55.2	181.1	1 10 50 100 200 400 700 900 1000	2.5 7.7 17.2 24.5 34.8 50.0 66.0 75.0 79.0	8.2 25.3 56.4 80.4 114.2 164.0 216.0 246.0 259.2
Low Noise • RG-174/U Type • 26 AWG Stranded (7x34) .019″ Bare Copper-covered Steel • 90% Tinned Copper Braid Shield																			
Polyethylene Insulation • Conductive Layer • Black PVC Jacket																			
60°C	**9239**		100 500 1000	30.5 152.4 304.8	1.0 5.0 8.0	.5 2.3 3.6	26 AWG (7x34) .019″ BCCS 97.0Ω/M′ 318.2Ω/km	.044	1.12	TC Braid 90% Shield Coverage 14.0Ω/M′ 45.9Ω/km	.101	2.57	50	62%	38	125	—	—	—
5mV peak-to-peak max. Not recommended for RF use.																			
Low Noise • RG-59/U Type • 22 AWG Solid .025″ Bare Copper-covered Steel • 93% Bare Copper Braid Shield																			
Polyethylene Insulation • Conductive Layer • Black PVC Jacket																			
75°C VW-1	**9224**		U-500 1000	U-152.4 304.8	19.5 38.0	8.9 17.3	22 AWG (solid) .025″ BCCS 54.0Ω/M′ 177.0Ω/km	.146	3.71	BC Braid 93% Shield Coverage 2.5Ω/M′ 8.2Ω/km	.242	6.15	75	65%	22	72	—	—	—
5mV peak-to-peak max. Not recommended for RF use.																			
Low Noise • RG-58/U Type • 22 AWG Stranded (7x30) .030″ Tinned Copper • Duobond® II + 95% TC Braid (100% Shield Coverage)																			
Polyethylene Insulation • Black PVC Jacket																			
80°C VW-1	**9223**		100 500 1000	30.5 152.4 304.8	3.4 15.5 26.0	1.5 7.0 11.8	22 AWG (7x30) .030″ TC 10.8Ω/M′ 35.4Ω/km	.112	2.84	Duobond II + 95% TC Braid 100% Shield Coverage 4.1Ω/M′ 13.5Ω/km	.195	4.95	50	56%	37	122	—	—	—
8mV peak-to-peak max. Not recommended for RF use.																			

BC = Bare Copper • BCCS = Bare Copper-covered Steel • DCR = DC Resistance • TC = Tinned Copper

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**.

Computer and Instrumentation Cable

50 Ohm Ethernet Coax

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m
Thin Ethernet • 20 AWG Stranded (19x32) .037″ Tinned Copper • Duobond® II + 93% Tinned Copper Braid Shield																			
Foam Polyethylene Insulation • Gray PVC Jacket																			
UL AWM Style 1354 (30V 60°C)	**9907**	NEC: CM CL2 CEC: CM	500 U-1000 1000 1640 U-2500 2500 3280	152.4 U-304.8 304.8 500.0 U-762.0 762.0 1000.0	12.5 25.0 25.0 39.4 60.0 62.5 82.0	5.7 11.4 11.4 17.9 27.3 28.4 37.3	20 AWG (19x32) .037″ TC 8.8Ω/M′ 28.9Ω/km	.102	2.59	Duobond II + 93% TC Braid 5.8Ω/M′ 19.0Ω/km	.185	4.70	50	80%	25.4	83.3	1 10 50 100 200 400 700 900 1000	.4 1.3 2.9 4.2 6.1 8.9 12.1 13.9 14.8	1.4 4.3 9.5 13.8 20.0 29.2 39.7 45.6 48.6
DEC Part No. 17-01248-00												For Plenum versions of 9907, see 89907 or 82907.							
Plenum • Foam FEP Insulation • Gray Fluorocopolymer Jacket																			
150°C	**89907**	NEC: CMP CL2P CEC: CMP FT6	500† 1000 2500†	152.4 304.8 762.0	13.0 24.0 60.0	5.9 10.9 27.3	20 AWG (19x32) .037″ TC 8.8Ω/M′ 28.9Ω/km	.095	2.41	Duobond II + 93% TC Braid 5.8Ω/M′ 19.0Ω/km	.160	4.06	50	80%	26.0	85.3	1 10 50 100 200 400 700 900 1000	.4 1.3 2.9 4.2 6.1 9.2 12.9 15.0 16.0	1.4 4.3 9.5 13.7 20.0 30.2 42.3 49.2 52.5
RG-58/U Type DEC Part No. 17-01246-00																			
Plenum • Foam FEP Insulation • Natural Flamarrest® Jacket																			
75°C	**82907**	NEC: CMP CL2P CEC: CMP FT6	500† U-1000† 1000† 2500†	152.4 U-304.8 304.8 762.0	12.5 23.0 24.0 57.5	5.7 10.5 10.9 26.1	20 AWG (19x32) .037″ TC 8.8Ω/M′ 28.9Ω/km	.095	2.41	Duobond II + 93% TC Braid 5.8Ω/M′ 19.0Ω/km	.160	4.06	50	80%	26.0	85.3	1 10 50 100 200 400 700 900 1000	.4 1.3 2.9 4.2 6.1 9.2 12.9 15.0 16.0	1.4 4.3 9.5 13.7 20.0 30.2 42.3 49.2 52.5
RG-58/U Type																			
Thick Ethernet • 12 AWG Solid .086″ Bare Copper • Duobond IV* Quad Shield																			
Foam Polyethylene Insulation • Yellow PVC Jacket																			
UL AWM Style 1478 (30V 60°C)	**9880**	NEC: CL2 CM CEC: CM	500 1000 1640	152.4 304.8 500.0	66.0 131.0 219.0	30.0 59.5 99.9	12 AWG (solid) .086″ BC 1.4Ω/M′ 4.7Ω/km	.243	6.17	Duobond IV (Duobond II + 94% TC Braid + Duofoil® + 90% TC Braid) 1.5Ω/M′ 5.0Ω/km	.405	10.29	50	78%	26.0	85.0	1 5 10 50 100 200 400 700 900 1000	.2 .4 .5 1.2 1.7 2.6 3.9 5.5 6.5 6.9	.6 1.2 1.7 3.9 5.6 8.4 12.8 18.1 21.3 22.6
DEC Part No. 17-00451-00 Ring-band stripes marked every 2.5 meters to aid users in tap placement.												For Plenum version of 9880, see 89880.							
Plenum • Foam FEP Insulation • Orange Fluorocopolymer Jacket																			
150°C	**89880**	NEC: CL2P CMP CEC: CMP FT6	500† 1000† 1640†	152.4 304.8 500.0	67.0 134.0 224.7	30.5 60.9 102.1	12 AWG (solid) .086″ BC 1.4Ω/M′ 4.7Ω/km	.245	6.22	Duobond IV (Duobond II + 90% TC Braid + Duofoil + 90% TC Braid) 1.5Ω/M′ 5.0Ω/km	.375	9.53	50	78%	26.0	85.0	1 5 10 50 100 200 400 700 900 1000	.2 .4 .5 1.2 1.7 2.5 3.8 5.6 6.8 7.2	.6 1.2 1.7 3.8 5.4 8.0 12.5 18.4 22.3 23.6
DEC Part No. 17-00324-00 Ring-band stripes marked every 2.5 meters to aid users in tap placement. Suitable for Outdoor and Direct Burial applications.																			

BC = Bare Copper • DCR = DC Resistance • TC = Tinned Copper

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**.
For cable manufactured to latest government revision or other MIL-SPEC requirements, please contact your nearest Belden Regional Sales Office.

*Duobond IV = Duobond II + 94% tinned copper braid + Duofoil + 90% tinned copper braid.
(Plenum version is Duobond II + 90% tinned copper braid + Duofoil + 90% tinned copper braid.)

†Spools and/or UnReel® cartons are one piece, but length may vary ±10% from length shown.

Computer and Instrumentation Cable

75 Ohm Coax

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths Ft.	Standard Lengths m	Standard Unit Weight Lbs.	Standard Unit Weight kg	Conductor (stranding) Diameter Nom. DCR	Nominal Core OD Inch	Nominal Core OD mm	Shielding Materials Nom. DCR	Nominal OD Inch	Nominal OD mm	Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance pF/Ft.	Nominal Capacitance pF/m	Nominal Attenuation MHz	Nominal Attenuation dB/ 100 Ft.	Nominal Attenuation dB/ 100m
75 Ohm • 30 AWG Stranded (7x38) .012″ Silver-coated Copper-covered Steel • 95% Silver-coated Copper Braid Shield																			
TFE Teflon® Insulation • White TFE Tape Jacket																			
200°C VW-1	**83267**		100† 1000†	30.5 304.8	1.9 11.0	.9 5.0	30 AWG (7x38) .012″ SCCCS 244.0Ω/M′ 801.0Ω/km	.063	1.60	SCC Braid 95% Shield Coverage 8.6Ω/M′ 28.2Ω/km	.103	2.62	75	70%	19.5	64.0	1 10 50 100 200 400 700 900 1000	3.0 5.3 8.5 10.0 12.5 16.0 19.7 22.3 24.0	9.8 17.4 27.9 32.8 41.0 52.5 64.6 73.2 78.7
RG-187A/U Type • MIL-C-17D																			
75 Ohm • Dual RG-59/U Type • 23 AWG Solid .023″ Bare Copper-covered Steel • Bare Copper Braid Shield																			
Flame-retardant Semi-foam Polyethylene Insulation • Black PVC Jacket																			
UL AWM Style 20063 (300V 80°C)	**9555**	NEC: CM CEC: CM	500 1000 2000	152.4 304.8 609.6	41.0 83.0 162.0	19.6 37.7 73.6	23 AWG (solid) .023″ BCCS 50.0Ω/M′ 164.0Ω/km	.146	3.71	BC Braid 95% Shield Coverage 2.6Ω/M′ 8.5Ω/km	.238 x .478	6.05 x 12.14	75	66%	20.5	67.3	1 10 50 100 200 400 700 900 1000	.6 1.1 2.4 3.4 4.9 7.0 9.7 11.1 12.0	2.0 3.6 7.9 11.2 16.1 23.0 31.8 36.4 39.4
For Plenum version of 9555, see 89555.																			
Plenum • FEP Insulation • Clear FEP Jacket																			
200°C	**89555**	NEC: CMP CEC: CMP FT6	500†† 1000††	152.4 304.8	46.5 90.0	21.1 40.9	23 AWG (solid) .023″ BCCS 50.0Ω/M′ 164.0Ω/km	.134	3.40	BC Braid 97% Shield Coverage 2.6Ω/M′ 8.5Ω/km	.212 x .424	5.38 x 10.77	75	70%	19.5	64.0	1 10 50 100 200 400 700 900 1000	.5 1.1 2.5 3.5 5.1 7.5 10.4 12.0 12.7	1.6 3.6 8.2 11.5 16.7 24.6 34.1 39.4 41.7
Suitable for Outdoor and Direct Burial applications.																			
75 Ohm • RG-6/U Type • 18 AWG Solid Bare Copper-covered Steel • Duobond® IV* Quad Shield																			
Non-Plenum • Foam Polyethylene Insulation • Gray PVC Jacket																			
	3131A	NEC: CL2R, CMR CEC: CMR FT4	1000†† 2500	304.8 762.2	41.0 97.5	18.6 44.3	18 AWG (solid) .040″ Bare Copper Covered Steel 28.0Ω/M′ 91.8Ω/km	.180	4.57	Duobond IV Quad Shield 3.6Ω/M′ 11.8Ω/km	.298	7.57	75	82%	16.2	53.1	1 2 5 10 20 50 100 200 300 400	.35 .38 .45 .59 .86 1.37 1.97 2.82 3.48 4.04	1.15 1.25 1.48 1.94 2.82 4.49 6.46 9.25 11.40 13.30
Sweep tested 5 MHz to 400 MHz. CPE jacket optional.																			
Plenum • Foam FEP Insulation • Gray Fluorocopolymer Jacket																			
150°C	**3132A**	NEC: CMP, PLTC CEC: CMP FT6	1000††	304.8	36.0	16.4	18 AWG (solid) .040″ Bare Copper Covered Steel 28.0Ω/M′ 19.8Ω/km	.170	4.32	Duobond IV Quad Shield 3.6Ω/M′ 11.8Ω/km	.274	6.96	75	82%	16.3	53.5	1 2 5 10 20 50 100 200 300 400	.36 .38 .50 .65 .95 1.50 2.12 2.99 3.66 4.23	1.18 1.25 1.64 2.13 3.12 4.92 6.96 9.81 12.00 13.90
Sweep tested 5 MHz to 400 MHz.																			
Suitable for Outdoor and Direct Burial applications.																			
75 Ohm • RG-11/U Type • 14 AWG Solid Bare Copper-covered Steel • Duobond IV* Quad Shield																			
Non-Plenum • Foam Polyethylene Insulation • Gray PVC Jacket																			
	3094A	NEC: CL2R, CMR CEC: CMR FT4	500†† 1000†† 2000	152.4 304.8 609.6	31.0 62.0 120.0	14.1 28.2 54.5	14 AWG (solid) .064″ BCCS 11.0Ω/M′ 36.1Ω/km	.280	7.11	Duobond IV Quad Shield 1.8Ω/M′ 5.9Ω/km	.407	10.34	75	82%	16.2	53.1	1 10 50 100 200 400	.30 .60 .90 1.20 1.70 2.40	1.00 2.00 3.00 3.90 5.90 7.90
Sweep tested 5 MHz to 400 MHz. CPE jacket optional.																			
Ring-band stripes marked every 2.6 meters to aid users in tap placement.																			

BC = Bare Copper • BCCS = Bare Copper-covered Steel • DCR = DC Resistance • SCC = Silver-coated Copper • SCCCS = Silver-coated Copper-covered Steel

Teflon is a DuPont trademark.

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**.

† Spools may contain more than one piece. Length may vary ±10% from length shown.
†† Spools and/or UnReel® cartons are one piece, but length may vary ±10% from length shown.
* Duobond IV Quad Shield = Duobond + 60% aluminum braid + Duofoil® + 40% aluminum braid.

Computer and Instrumentation Cable

75 Ohm and 93 Ohm Coax

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths Ft.	Standard Lengths m	Standard Unit Weight Lbs.	Standard Unit Weight kg	Conductor (stranding) Diameter Nom. DCR	Nominal Core OD Inch	Nominal Core OD mm	Shielding Materials Nom. DCR	Nominal OD Inch	Nominal OD mm	Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance pF/Ft.	Nominal Capacitance pF/m	Nominal Attenuation MHz	Nominal Attenuation dB/ 100 Ft.	Nominal Attenuation dB/ 100m
75 Ohm • RG-11/U Type • 14 AWG Solid Bare Copper-covered Steel • Duobond IV* Quad Shield *(continued)*																			
Plenum • Foam FEP Insulation • Gray Fluorocopolymer Jacket																			
150°C	**3095A**	NEC: CMP, PLTC CEC: CMP FT6	1000††	304.8	76.0	34.5	14 AWG (solid) .064″ BCCS 11.0Ω/M′ 36.1Ω/km	.280	7.11	Duobond IV Quad Shield 1.8Ω/M′ 5.9Ω/km	.387	9.83	75	82%	16.5	54.1	1 10 50 100 200 400	.20 .39 1.20 1.70 2.50 3.50	.70 1.30 3.90 5.60 8.20 11.50
											Sweep tested 5 MHz to 400 MHz.								
Suitable for Outdoor and Direct Burial applications. Ring-band stripes marked every 2.6 meters to aid users in tap placement.																			
93 Ohm • RG-62B/U Type • 24 AWG Stranded (7x32) .024″ Bare Copper-covered Steel • 95% Bare Copper Braid Shield																			
Semi-solid Polyethylene Insulation • Black Non-contaminating PVC Jacket																			
UL AWM Style 1354 (30V 60°C)	**8255**	NEC: CMX CEC: CMX	500 1000	152.4 304.8	17.5 34.0	8.0 15.5	24 AWG (7x32) .024″ BCCS 59.0Ω/M′ 193.6Ω/km	.146	3.71	BC Braid 95% Shield Coverage 2.9Ω/M′ 9.5Ω/km	.242	6.15	93	84%	13.5	44.3	1 10 50 100 200 400 700 900 1000	.3 .9 2.0 2.9 4.2 6.1 8.6 10.1 11.0	1.0 3.0 6.6 9.5 13.8 20.0 28.2 33.1 36.1
																			
MIL-C-17D																			
93 Ohm • RG-62/U Type • JAN-C-17A • 22 AWG Solid .025″ Bare Copper-covered Steel • 95% Bare Copper Braid Shield																			
Semi-solid Polyethylene Insulation • Black PVC Jacket																			
75°C	**8254**		U-500 500 U-1000 1000	U-152.4 152.4 U-304.8 304.8	18.0 18.0 36.0 35.0	8.2 8.2 16.4 15.9	22 AWG (solid) .025″ BCCS 41.2Ω/M′ 135.1Ω/km	.146	3.71	BC Braid 95% Shield Coverage 2.9Ω/M′ 9.5Ω/km	.238	6.05	93	84%	13.5	44.3	1 10 50 100 200 400 700 900 1000	.3 .9 1.9 2.7 3.8 5.3 7.3 8.2 8.7	.8 2.8 6.2 8.9 12.5 17.4 23.9 26.9 28.5
																			
93 Ohm • RG-62A/U Type • 22 AWG Solid .025″ Bare Copper-covered Steel • 95% Bare Copper Braid Shield																			
Semi-solid Polyethylene Insulation • Black High-density Polyethylene Jacket																			
Flooded Burial 80°C	**9228**		500 1000 2000 5000	152.4 304.8 609.6 1524.0	16.5 33.0 68.0 170.0	7.5 15.0 30.9 77.3	22 AWG (solid) .025″ BCCS 41.2Ω/M′ 135.1Ω/km	.146	3.71	BC Braid 95% Shield Coverage 2.9Ω/M′ 9.5Ω/km	.242	6.15	93	84%	13.5	44.3	1 10 50 100 200 400 700 900 1000	.3 .9 1.9 2.7 3.8 5.3 7.3 8.2 8.7	.8 2.8 6.2 8.9 12.5 17.4 23.9 26.9 28.5
																			
Semi-solid Polyethylene Insulation • Black PVC Jacket																			
UL AWM Style 1478 (30V 60°C)	**9268**	NEC: CM CL2 CEC: CM	500 U-1000 1000 2000	152.4 U-304.8 304.8 609.6	22.0 43.0 44.0 88.0	10.0 19.5 20.0 40.0	22 AWG (solid) .025″ BCCS 41.2Ω/M′ 135.1Ω/km	.146	3.71	BC Braid 95% Shield Coverage 2.9Ω/M′ 9.5Ω/km	.260	6.60	93	84%	13.5	44.3	1 10 50 100 200 400 700 900 1000	.3 .9 1.9 2.7 3.8 5.3 7.3 8.2 8.7	.8 2.8 6.2 8.9 12.5 17.4 23.9 26.9 28.5
																			
IBM P/N 5252750 • Includes Mylar® tape as a moisture barrier for improved outdoor reliability.																			
UL AWM Style 1478 (30V 60°C)	**9269**	NEC: CM CL2 CEC: CM	U-500 500 U-1000▲ 1000 1640 2000 3280 5000	U-152.4 152.4 U-304.8 304.8 500.0 609.6 1000.0 1524.0	18.5 18.5 36.0 36.0 59.0 74.0 118.1 180.0	8.4 8.4 16.4 16.4 26.8 33.6 53.7 81.8	22 AWG (solid) .025″ BCCS 41.2Ω/M′ 135.1Ω/km	.146	3.71	BC Braid 95% Shield Coverage 2.9Ω/M′ 9.5Ω/km	.239	6.07	93	84%	13.5	44.3	1 10 50 100 200 400 700 900 1000	.3 .9 1.9 2.7 3.8 5.3 7.3 8.2 8.7	.8 2.8 6.2 8.9 12.5 17.4 23.9 26.9 28.5
											For Plenum version of 9269, see 89269, 87269 and 82269.								
IBM P/N 323921 P-MSHA SC-1823** ▲U-1000 put-up also available in Orange, Yellow, Blue, Beige or Chrome.																			

BC = Bare Copper • BCCS = Bare Copper-covered Steel • DCR = DC Resistance

Mylar is a DuPont trademark.

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**.
For cables manufactured to latest government revision or other MIL-SPEC requirements, please contact your nearest Belden regional Sales Office.

†† Spools and/or UnReel® cartons are one piece, but length may vary ±10% from length shown.
* Duobond IV Quad Shield = Duobond + 60% aluminum braid + Duofoil® + 40% aluminum braid.
** Pennsylvania Department of Environmental Resources and United States Mine Safety and Health Administration Certification.

Computer and Instrumentation Cable

93 Ohm Coax

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths Ft.	Standard Lengths m	Standard Unit Weight Lbs.	Standard Unit Weight kg	Conductor (stranding) Diameter Nom. DCR	Nominal Core OD Inch	Nominal Core OD mm	Shielding Materials Nom. DCR	Nominal OD Inch	Nominal OD mm	Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance pF/Ft.	Nominal Capacitance pF/m	Nominal Attenuation MHz	Nominal Attenuation dB/ 100 Ft.	Nominal Attenuation dB/ 100m
RG-62/U Type • 22 AWG Solid .025″ Bare Copper-covered Steel • 94% Bare Copper Braid Shield																			
Plenum • Semi-solid FEP Insulation • Black or White Tint FEP Jacket																			
200°C	**89269**	NEC:	100▲	30.5	5.2	2.4	22 AWG	.142	3.61	BC Braid	.200	5.08	93	85%	12.8	42.0	1	.3	1.0
		CMP	500†	152.4	18.0	8.2	(solid)			94% Shield							10	.9	3.0
		CEC:	1000†	304.8	36.0	16.4	.025″			Coverage							50	1.9	6.2
		CMP FT6					BCCS			3.4Ω/M′							100	2.7	8.9
							41.2Ω/M′			11.2Ω/km							200	3.8	12.5
							135.2Ω/km										400	5.3	17.4
																	700	7.3	23.9
																	900	8.2	26.9
▲100 ft. put-up available in Black only. Suitable for Outdoor and Direct Burial applications.																	1000	8.7	28.5
Plenum • FEP Insulation • Gray Fluorocopolymer Jacket																			
150°C	**87269**	NEC:	1000†	304.8	34.0	16.5	22 AWG	.142	3.61	BC Braid	.200	5.08	93	85%	12.8	42.0	1	.3	1.0
		CMP					(solid)			94% Shield							10	.9	3.0
		CEC:					.025″			Coverage							50	1.9	6.2
		CMP FT6					BCCS			3.4Ω/M′							100	2.7	8.9
							41.2Ω/M′			11.2Ω/km							200	3.8	12.5
							135.2Ω/km										400	5.3	17.4
																	700	7.3	23.9
																	900	8.2	26.9
Suitable for Outdoor and Direct Burial applications.																	1000	8.7	28.5
Plenum • Semi-solid FEP Insulation • Natural Flamarrest® Jacket																			
75°C	**82269**	NEC:	1000†	304.8	34.0	15.5	22 AWG	.142	3.61	BC Braid	.200	5.08	93	85%	12.8	42.0	1	.3	1.0
		CMP					(solid)			94% Shield							10	.9	3.0
		CEC:					.025″			Coverage							50	1.9	6.2
		CMP FT6					BCCS			3.4Ω/M′							100	2.7	8.9
							41.2Ω/M′			11.2Ω/km							200	3.8	12.5
							135.2Ω/km										400	5.3	17.4
																	700	7.3	23.9
																	900	8.2	26.9
																	1000	8.7	28.5
Plenum • Foam FEP Insulation • White Tint FEP Jacket																			
200°C	**86262**	NEC:	500†	152.4	18.0	8.2	22 AWG	.146	3.71	BC Braid	.204	5.18	93	85%	12.5	41.0	1	.3	1.8
		CMP	1000†	304.8	35.0	15.9	(solid)			94% Shield							10	.9	3.0
		CEC:					.025″			Coverage							50	1.9	6.2
		CMP FT6					BCCS			3.4Ω/M′							100	2.7	8.9
							41.2Ω/M′			11.2Ω/km							200	3.8	12.5
							135.2Ω/km										400	5.3	17.4
																	700	7.3	23.9
																	900	8.2	26.9
Suitable for Outdoor and Direct Burial applications.																	1000	8.7	28.5
Plenum • Foam FEP Insulation • Natural Flamarrest Jacket																			
75°C	**82262**	NEC:	U-1000†	U-304.8	31.0	14.1	22 AWG	.146	3.71	BC Braid	.204	5.18	93	85%	12.5	41.0	1	.3	1.8
		CMP	1000†	304.8	33.0	15.0	(solid)			94% Shield							10	.9	3.0
		CEC:					.025″			Coverage							50	1.9	6.2
		CMP FT6					BCCS			3.4Ω/M′							100	2.7	8.9
							41.2Ω/M′			11.2Ω/km							200	3.8	12.5
							135.2Ω/km										400	5.3	17.4
																	700	7.3	23.9
																	900	8.2	26.9
Suitable for Outdoor and Direct Burial applications.																	1000	8.7	28.5

BC = Bare Copper • BCCS = Bare Copper-covered Steel • DCR = DC Resistance

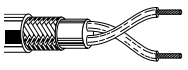
Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**.

†Spools and/or UnReel® cartons are one piece, but length may vary ±10% from length shown.

Computer and Instrumentation Cable

78 Ohm, 95 Ohm and 100 Ohm Twinax

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m
78 Ohm • 20 AWG Stranded (7x28) .038″ Tinned Copper • 93% Tinned Copper Braid Shield																			
Polyethylene Insulation • Blue PVC Jacket (Color Code: Clear, Blue)																			
UL AWM Style 2092 (300V 60°C)	**9272**	NEC: CM CEC: CM	100 U-500 500 U-1000 1000	30.5 U-152.4 152.4 U-304.8 304.8	4.9 20.0 20.0 39.0 40.0	2.2 9.1 9.1 17.7 18.2	20 AWG (7x28) .038″ TC 9.5Ω/M′ 31.2Ω/km	.156	3.96	TC Braid 93% Shield Coverage 3.4Ω/M′ 11.2Ω/km	.244	6.20	78	66%	19.7	64.6	1 10 50 100 200 400	.6 2.1 5.0 7.5 11.0 16.0	2.0 6.9 16.4 24.6 36.1 52.5
Plenum • FEP Insulation • Blue FEP Jacket (Color Code: Clear, Blue)																			
200°C	**89272**	NEC: CMP CEC: CMP FT6	500† 1000†	152.4 304.8	19.0 39.0	8.6 17.7	20 AWG (7x28) .037″ TC 9.5Ω/M′ 31.2Ω/km	.148	3.76	TC Braid 93% Shield Coverage 3.9Ω/M′ 12.8Ω/km	.198	5.03	78	69.5%	18.4	60.4	1 10 50 100 200 400	.6 2.1 5.0 7.5 11.0 16.0	2.0 6.9 16.4 24.6 36.1 52.5
78 Ohm • 20 AWG Stranded (7x28) .038″ Tinned Copper • Beldfoil® + 55% Tinned Copper Braid Shield (100% Shield Coverage)																			
Polyethylene Insulation • Blue PVC Jacket (Color Code: Clear, Blue)																			
UL AWM Style 2464 (300V 80°C)	**9463**	NEC: CM CL2 CEC: CM	100 U-500 500 U-1000 1000▲ 6000▲ 10000◆	30.5 U-152.4 152.4 U-304.8 304.8 1828.7 3048.0	4.6 18.5 18.5 37.0 37.0 222.0 370.0	2.1 8.4 8.4 16.8 16.8 100.9 168.2	20 AWG (7x28) .038″ TC 9.5Ω/M′ 31.0Ω/km	.154	3.91	Beldfoil + 55% TC Braid 4.1Ω/M′ 13.4Ω/km	.238	6.05	78	66%	19.7	64.6	1 10 50 100 200 400	.6 2.1 3.6 7.5 11.0 16.0	2.0 6.9 11.8 24.6 36.1 52.5
95 Ohm • 18 AWG Stranded (7x26) .046″ Bare Copper** • Two Tinned Copper Braids (95% Shield Coverage)																			
Polyethylene Insulation • Black Non-contaminating PVC Jacket (Color Code: Clear, Blue)																			
80°C VW-1	**9250**		500 1000	152.4 304.8	64.5 128.0	29.3 58.2	18 AWG (7x26) .046″ BC 6.6Ω/M′ 21.5Ω/km	.285	7.24	(2) TC Braids 95% Shield Coverage .9Ω/M′ 3.0Ω/km	.420	10.67	95	66%	16.0	52.5	1 10 20 50 100 400	.3 .9 1.3 2.1 3.0 6.3	1.0 3.0 4.3 6.9 9.8 20.7
100 Ohm • 20 AWG Stranded (7x28) .037″ One Tinned/One Bare Copper • Duofoil® + 95% Tinned Copper Braid Shield																			
Polyethylene Insulation • Black High-density Polyethylene Jacket																			
Direct Burial 80°C	**9815**		500 1000 2000	152.4 304.8 609.6	33.5 69.0 134.0	15.2 31.4 60.9	20 AWG (7x28) .037″ (1) TC, (1) BC 9.5Ω/M′ 31.0Ω/km	.236	5.99	TC Braid 95% Shield Coverage 2.0Ω/M′ 6.6Ω/km	.330	8.38	100	66%	14.5	47.6	1 10 50 100 200 400	.4 1.1 2.5 4.1 6.4 10.2	1.3 3.6 8.2 13.5 21.0 33.5



P-MSHA SC-182/6*
Allen Bradley P/N 1770-CD
▲1000 ft. and 6000 ft. put-ups also available in Brown, Orange and Violet.
◆10,000 ft. put-up available in Brown, Orange and Violet only.

RG-22B/U Type
**1 conductor has tinned center strand.

BC = Bare Copper • DCR = DC Resistance • TC = Tinned Copper

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**.

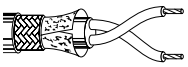
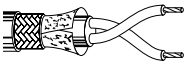
*Pennsylvania Department of Environmental Resources and United States Mine Safety and Health Administration Certification.
†Spools may contain more than one piece. Length may vary ±10% from length shown.

For Plenum version of 9272, see 89272.

CPE jacket optional.

Computer and Instrumentation Cable

100 Ohm, 124 Ohm and 150 Ohm Twinax

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths Ft.	Standard Lengths m	Standard Unit Weight Lbs.	Standard Unit Weight kg	Conductor (stranding) Diameter Nom. DCR	Nominal Core OD Inch	Nominal Core OD mm	Shielding Materials Nom. DCR	Nominal OD Inch	Nominal OD mm	Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance pF/Ft.	Nominal Capacitance pF/m	Nominal Attenuation MHz	Nominal Attenuation dB/ 100 Ft.	Nominal Attenuation dB/ 100m
100 Ohm • 20 AWG Stranded (7x28) .037″ One Tinned/One Bare Copper • Duofoil® + 86% TC Braid Shield (100% Shield Coverage)																			
Polyethylene Insulation • Black PVC Jacket																			
75°C	**9207**	NEC:	100	30.5	7.1	3.2	20 AWG	.236	5.99	Duofoil	.330	8.38	100	66%	14.5	47.6	1	.3	1.0
		CM CL2	U-500	U-152.4	34.0	15.5	(7x28)			+86%							10	1.2	3.9
		CEC:	500	152.4	33.5	15.2	.037″			TC Braid							50	2.8	9.2
		CM	1000	304.8	68.0	30.9	(1) TC,			2.5Ω/M′							100	4.1	13.5
			1640	500.0	111.5	50.7	(1) BC			8.2Ω/km							200	6.4	21.0
			2000	609.6	136.0	61.8	9.5Ω/M′										400	10.2	33.5
			3280	1000.0	219.8	99.9	31.0Ω/km												
IBM P/N 7362211			5000	1524.0	350.0	159.1													
Plenum • FEP Insulation • Black FEP Jacket																			
200°C	**89207**	NEC:	100	30.5	6.7	3.0	20 AWG	.201	5.11	Duofoil	.259	6.58	100	69.5%	14.0	46.0	1	.3	1.0
		CMP	500†	152.4	28.0	12.7	(7x28)			+85%							10	1.2	3.9
		CEC:	1000†	304.8	55.0	25.0	.037″			TC Braid							50	2.8	9.2
		CMP FT6					(1) TC, (1) BC			2.5Ω/M′							100	4.1	13.5
							9.5Ω/M′			8.2Ω/km							200	6.4	21.0
							31.2Ω/km										300	8.4	27.6
																	400	10.2	33.5
124 Ohm • 25 AWG Stranded (7x33) .021″ Tinned Copper • Beldfoil® with Stranded TC Drain Wire (100% Shield Coverage)																			
Polyethylene Insulation • Blue PVC Jacket (Color Code: Clear, Blue)																			
UL AWM	**9271**	NEC:	100	30.5	3.7	1.7	25 AWG	.170	4.32	Beldfoil	.240	6.10	124	66%	12.2	40.0	1	.6	2.0
Style 2092		CM	U-500	U-152.4	14.0	6.4	(7x33)			12.0Ω/M′							10	1.7	5.6
(300V 60°C)		CEC:	500	152.4	14.0	6.4	.021″			39.4Ω/km							50	3.6	11.8
		CM	U-1000	U-304.8	27.0	12.3	TC										100	5.0	16.4
			1000	304.8	28.0	12.7	31.8Ω/M′										200	6.9	22.6
							104.3Ω/km										400	9.6	31.5
Shorting Fold																			
124 Ohm • 16 AWG Solid .051″ Bare Copper • Duofoil + 90% Tinned Copper Braid Shield (100% Shield Coverage)																			
Foam Polyethylene Insulation • Black PVC Jacket (Color Code: Clear, Blue)																			
UL AWM	**9860**	NEC:	500	152.4	52.0	23.6	16 AWG	.322	8.18	Duofoil	.440	11.18	124	78%	10.9	35.8	1	.2	.6
Style 2448		CMX	1000	304.8	103.0	46.8	(solid)			+ 90%							10	.7	2.3
(30V 60°C)		CEC:	2000	609.6	202.0	91.8	.051″			TC Braid							50	1.8	5.9
		CMX					BC			1.3Ω/M′							100	2.9	9.5
							4.2Ω/M′			4.3Ω/km							200	4.1	13.5
							13.8Ω/km										400	6.2	20.3
150 Ohm • 22 AWG Stranded (19x34) .031″ Tinned Copper • Duofoil with Stranded TC Drain Wire (100% Shield Coverage)																			
Datalene® Insulation • Black PVC Jacket (Color Code: Black, Yellow)																			
UL AWM	**9182**	NEC:	U-500	U-152.4	23.0	10.5	22 AWG	.275	6.98	Duofoil	.345	8.76	150	78%	8.8	28.9	1	.4	1.3
Style 2668		CMX	500	152.4	23.5	10.7	(19x34)			6.3Ω/M′							10	1.2	3.9
(30V 60°C)		CL2X	1000	304.8	45.0	20.5	.031″			20.7Ω/km							50	2.7	8.7
VW-1		CEC:					TC										100	4.3	14.1
		CMX					14.0Ω/M′										200	6.2	20.3
							45.9Ω/km										400	8.8	28.9
Shorting Fold																			
Plenum • Foam FEP Insulation • Black FEP Jacket (Color Code: Black and Yellow)																			
	**89182**	NEC:	100	30.5	6.4	2.9	22 AWG	.278	7.06	Duofoil	.307	7.80	150	78%	8.8	28.9	1	.4	1.3
		CMP	500††	152.4	28.0	12.7	(19x34)			6.3Ω/M′							10	1.2	3.9
		CL2P	1000††	304.8	53.0	24.1	.031″			20.7Ω/km							50	2.7	8.7
		CEC:					TC										100	4.3	14.1
		CMP FT6					14.0Ω/M′										200	6.2	20.3
							45.9Ω/km										400	8.8	28.9

For Plenum versions of 9207, see 89207.
CPE jacket optional.

CPE jacket optional.

CPE jacket optional.

For Plenum version of 9182, see 89182.
Dual version: YR41609.
CPE jacket optional.

BC = Bare Copper • DCR = DC Resistance • TC = Tinned Copper

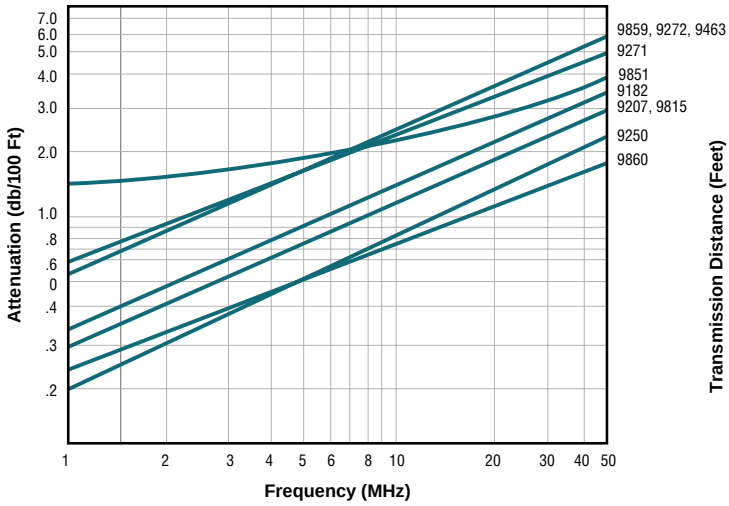
Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**.

† Spools may contain more than one piece. Length may vary ±10% from length shown.
†† Spools are one piece, but length may vary ±10% from length shown.

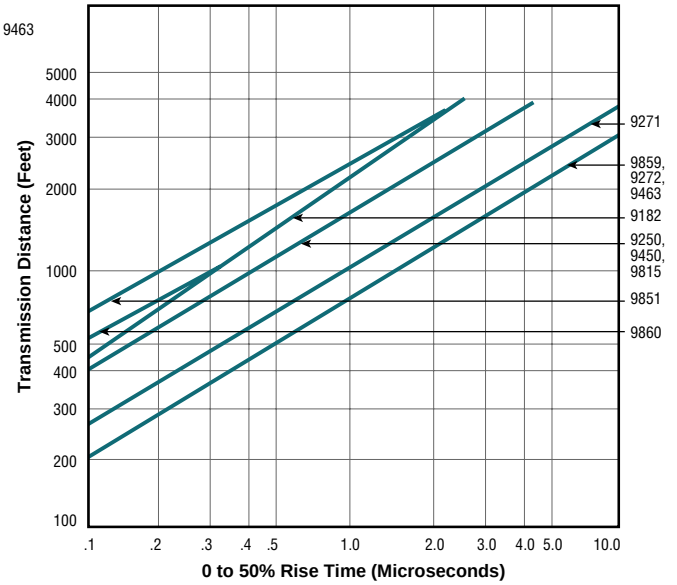
Computer and Instrumentation Cable

Electrical Characteristics — Twinax

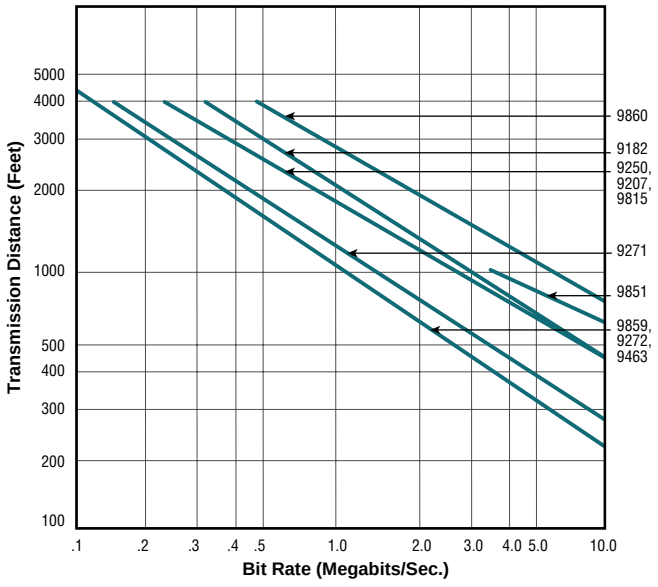
Attenuation



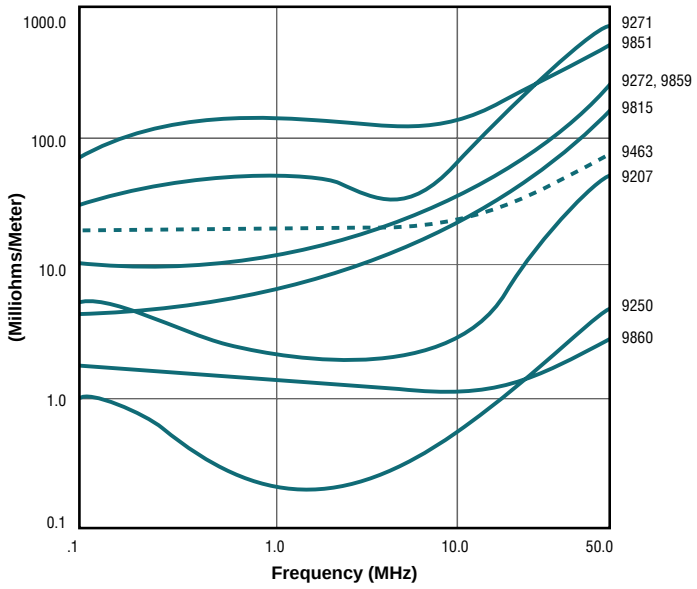
Rise Time



Bit Rate



Transfer Impedance



Computer and Instrumentation Cable

50 Ohm Triax

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m
RG-58A/U Type • 20 AWG Stranded (7x28) .037″ Tinned Copper • Two Tinned Copper Braids (96% Shield Coverage)																			
Polyethylene Insulation • Yellow PVC Jacket (Polyethylene Insulation between Braids)																			
75°C	**9222**		100	30.5	5.0	2.3	20 AWG	.114	2.90	(2) TC Braids	.240	6.10	50	66%	30.8	101.0	1	.5	1.6
			U-500	U-152.4	18.5	8.4	(7x28)			96% Shield							10	1.5	4.9
			500	152.4	18.5	8.4	.037″			Coverage							50	3.3	10.8
							TC			Inner:							100	4.9	16.1
							9.5Ω/M′			4.7Ω/M′							200	7.2	23.6
							31.0Ω/km			15.5Ω/km							400	12.0	39.4
										Outer:							700	18.0	57.1
										4.3Ω/M′							900	22.0	72.2
										14.1Ω/km							1000	24.0	78.7
RG-8/U Type • 11 AWG Stranded (7x19) .108″ Bare Copper • Two Bare Copper Braids (96% Shield Coverage)																			
Foam Polyethylene Insulation • Black Polyethylene Jacket (Polyethylene Insulation between Braids)																			
80°C	**9888**		500	152.4	72.5	33.0	11 AWG	.285	7.24	(2) BC	.480	12.19	50	78%	26.0	85.3	1	.1	.5
			1000	304.8	140.0	63.6	(7x19)			96% Shield							10	.5	1.7
							.108″			Coverage							50	1.2	3.9
							BC			Inner:							100	1.8	5.9
							1.2Ω/M′			1.2Ω/M′							200	2.7	8.9
							3.9Ω/km			3.9Ω/km							400	4.2	13.8
										Outer:							700	5.8	19.0
										2.1Ω/M′							900	6.7	22.0
										4.9Ω/km							1000	7.1	23.3

BC = Bare Copper • DCR = DC Resistance • TC = Tinned Copper

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**.

Amateur Radio and CB Coaxial Cable Assemblies

RG-8/U Type • 50 Ohm

Description	Part No.	Standard Lengths		Standard Unit Weight		Nominal OD	
		Ft.	m	Lbs.	kg	Inch	mm
RG-8/U Type • 11 AWG Stranded (7x19) Bare Copper • Military-Type Braid Coverage • Fitted with PL-259 Connectors on Both Ends							
Foam Polyethylene Insulation • Black PVC Jacket							
	**9354**	50	15.24	5.5	2.5	.403	10.24
	9355	75	22.86	8.3	3.8	.403	10.24
	9356	100	30.48	10.9	5.0	.403	10.24

Coax is 8214. See page 6.65 for product details.

These cables are designed to be used with two-way systems, such as Citizens Band (CB), Commercial, Amateur, and Marine equipment applications. They provide a positive link between the transmitter and antenna or between the receiver and antenna.

They are capable of handling higher power requirements with lower signal losses. Packaged individually.

Technical Information

Attenuation vs. Frequency for Belden® Broadband Coaxial Products

Frequency Point (MHz)	Series 59				Series 6				Series 11			
	Nominal dB/100 Ft.	Nominal dB/100m	Maximum dB/100 Ft.	Maximum dB/100m	Nominal dB/100 Ft.	Nominal dB/100m	Maximum dB/100 Ft.	Maximum dB/100m	Nominal dB/100 Ft.	Nominal dB/100m	Maximum dB/100 Ft.	Maximum dB/100m
5	.75	2.46	.89	2.92	.54	1.77	.67	2.20	.34	1.12	.38	1.25
55	1.84	6.04	1.95	6.40	1.45	4.76	1.60	5.25	.91	2.99	.97	3.18
211	3.36	11.02	3.59	11.78	2.64	8.66	2.87	9.42	1.68	5.51	1.81	5.94
216	3.41	11.19	3.69	12.11	2.67	8.76	2.95	9.68	1.70	5.58	1.84	6.04
240	3.57	11.71	3.87	12.70	2.80	9.19	3.09	10.14	1.78	5.84	1.94	6.36
270	3.79	12.43	4.05	13.29	2.97	9.74	3.24	10.63	1.89	6.20	2.05	6.73
300	3.99	13.09	4.27	14.01	3.13	10.27	3.43	11.25	1.99	6.53	2.15	7.05
325	4.16	13.65	4.50	14.76	3.26	10.70	3.59	11.78	2.07	6.79	2.24	7.35
350	4.33	14.21	4.64	15.22	3.39	11.12	3.72	12.20	2.15	7.05	2.32	7.61
375	4.49	14.73	4.84	15.88	3.52	11.55	3.87	12.70	2.22	7.28	2.40	7.87
400	4.66	15.29	4.88	16.01	3.65	11.97	4.00	13.12	2.30	7.55	2.47	8.10
450	4.96	16.27	5.30	17.39	3.88	12.73	4.26	13.98	2.45	8.04	2.65	8.69
500	5.22	17.13	5.50	18.04	4.09	13.42	4.48	14.70	2.59	8.50	2.85	9.35
550	5.48	17.98	5.90	19.36	4.30	14.11	4.71	15.45	2.73	8.96	2.94	9.65
600	5.75	18.86	6.18	20.28	4.51	14.80	4.94	16.21	2.85	9.35	3.08	10.10
650	6.03	19.78	6.52	21.39	4.72	15.49	5.18	16.99	2.98	9.78	3.22	10.56
700	6.28	20.60	6.83	22.41	4.92	16.14	5.45	17.88	3.10	10.17	3.37	11.06
750	6.51	21.36	6.96	22.83	5.11	16.76	5.59	18.34	3.21	10.53	3.50	11.48
800	6.71	22.01	7.30	23.95	5.27	17.29	5.75	18.86	3.32	10.89	3.65	11.97
862	6.97	22.87	7.50	24.61	5.47	17.95	5.98	19.62	3.46	11.35	3.82	12.53
870	7.00	22.97	7.54	24.74	5.49	18.01	6.00	19.68	3.48	11.42	3.84	12.60
900	7.14	23.42	7.79	25.56	5.60	18.37	6.11	20.05	3.55	11.65	3.96	12.99
950	7.39	24.25	7.90	25.92	5.79	19.00	6.35	20.83	3.66	12.01	4.10	13.45
1000	7.68	25.20	8.09	26.54	5.99	19.65	6.54	21.46	3.77	12.37	4.23	13.88