

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) UL	Max. Oper. Voltage (RMS) Non UL
DS-3 and DS-4 Interconnect and Cross-connect Cable												
728A Type	9231	6.58	Belden	1/.031" BC (9.9)	PE (.198)	Inner None/98% SPC (187.0) Outer None/95% BC (1.1)	PVC-NC (.305)	.071	75	21.0	-40 to +60	1900
734A Type DS3-4	734A1	6.56	Belden	1/.032" BC (10.0)	GIFHDPE (.148)	BF/85% TC (2.4)	PVC (.235)	.031	75	16.8	-40 to +75	300
734A Type DS3-4 Bundled 12-Coax	734A12	6.56	Belden	1/.032" BC (10.0)	GIFHDPE (.148)	BF/85% TC (2.4)	PVC (1.026)	.484	75	16.8	-40 to +75	300
734A Type DS3-4 Plenum	734A1P	6.56	Belden	1/.032" BC (10.0)	FFEP (.148)	BF/85% TC (2.4)	FLM (.215)	.032	75	17.3	0 to +75	300
734A Type DS3-4 Bundled 6-Coax	734A6	6.56	Belden	1/.032" BC (10.0)	GIFHDPE (.148)	BF/85% TC (2.4)	PVC (.772)	.250	75	16.8	-45 to +75	300
734D Type DS3-4	734D1	6.57	Belden	1/.032" SPC (10.0)	GIFHDPE (.148)	BF/85% TC (2.4)	PVC (.235)	.031	75	16.8	-40 to +75	300
734D Type DS3-4 Bundled 12-Coax	734D12	6.57	Belden	1/.032" SPC (10.0)	GIFHDPE (.148)	BF/85% TC (2.4)	PVC (1.026)	.484	75	16.8	-40 to +75	300
734D Type DS3-4 Plenum	734D1P	6.57	Belden	1/.032" SPC (10.0)	FFEP (.148)	BF/85% TC (2.4)	FLM (.215)	.032	75	17.3	0 to +75	300
734D Type DS3-4 1-Coax with Tracer	734D1T	6.57	Belden	1/.032" SPC (10.0)	GIFHDPE (.148)	BF/85% TC (2.4)	PVC (.235 x .309)	.034	75	16.8	-40 to +75	300
734D Type DS3-4 Dual Coax	734D2	6.57	Belden	1/.032" SPC (10.0)	GIFHDPE (.148)	BF/85% TC (2.4)	PVC (.235 x .485)	.061	75	16.8	-40 to +75	300
734D Type DS3-4 2-Coax with Tracer	734D2T	6.57	Belden	1/.032" SPC (10.0)	GIFHDPE (.148)	BF/85% TC (2.4)	PVC (.235 x .574)	.068	75	16.8	-40 to +75	300
734D Type DS3-4 Bundled 6-Coax	734D6	6.57	Belden	1/.032" SPC (10.0)	GIFHDPE (.148)	BF/85% TC (2.4)	PVC (.772)	.250	75	16.8	-40 to +75	300
735A Type DS3-4	735A1	6.55	Belden	1/.0159" SPC (41.0)	FHDPE (.077)	BF/93% TC (5.3)	PVC (.129)	.011	75	17.7	-40 to +75	300
735A Type DS3-4 Bundled 12-Coax	735A12	6.55	Belden	1/.016" SPC (41.0)	FHDPE (.077)	BF/93% TC (5.3)	PVC (.581)	.171	75	17.7	-40 to +75	300
735A Type DS3-4 Bundled 16-Coax	735A16	6.55	Belden	1/.016" SPC (41.0)	FHDPE (.077)	BF/93% TC (5.3)	PVC (.636)	.226	75	17.7	-40 to +75	300
735A Type DS3-4 Plenum	735A1P	6.55	Belden	1/.016" SPC (41.0)	FFEP (.077)	BF/93% TC (5.3)	FLM (.129)	.018	75	17.7	0 to +75	300
735A Type DS3-4 1-Coax with Tracer	735A1T	6.55	Belden	1/.016" SPC (41.0)	FHDPE (.077)	BF/93% TC (5.3)	PVC (.129 x .203)	.013	75	17.7	-40 to +75	300
735A Type DS3-4 2-Coax with Tracer	73502T	6.55	Belden	1/.017" SPC (41.0)	FHDPE (.077)	BF/93% TC (5.3)	PVC (.179 x .308)	.040	75	17.7	-40 to +75	300
735A Type DS3-4 Dual Coax	735A2	6.55	Belden	1/.016" SPC (41.0)	FHDPE (.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	6.55	Belden	1/.016" SPC (41.0)	FHDPE (.077)	BF/93% TC (5.3)	PVC (.870)	.364	75	17.7	-40 to +75	300
735A Type DS3-4 Bundled 3-Coax	735A3	6.55	Belden	1/.016" SPC (41.0)	FHDPE (.077)	BF/93% TC (5.3)	PVC (.309)	.045	75	17.7	-40 to +75	300
735A Type DS3-4 Bundled 6-Coax	735A6	6.55	Belden	1/.016" SPC (41.0)	FHDPE (.077)	BF/93% TC (5.3)	PVC (.399)	.083	75	17.7	-40 to +75	300
735A Type DS3-4 Bundled 8-Coax	735A8	6.55	Belden	1/.016" SPC (41.0)	FHDPE (.077)	BF/93% TC (5.3)	PVC (.447)	.111	75	17.7	-40 to +75	300
735A Type DS3-4 Bundled 9-Coax	735A9	6.55	Belden	1/.016" SPC (41.0)	FHDPE (.077)	BF/93% TC (5.3)	PVC (.484)	.122	75	17.7	-40 to +75	300
Low Loss 50 Ohm Wireless RF Transmission Cables												
RF300	7809A	6.62	Belden	1/.072" BC (2.1)	GIFHDPE (.190)	DB/95% TC (2.4)	PE (.300)	.046	50	23.0	-40 to +75	300
RF300 Riser	7809R	6.62	Belden	1/.072" BC (2.1)	GIFHDPE (.190)	DB/95% TC (2.4)	PVC (.300)	.046	50	23.0	-40 to +75	300
RF300 Burial	7809WB	6.62	Belden	1/.072" BC (2.1)	GIFHDPE (.190)	DB/95% TC (2.4)	PE (.300)	.046	50	23.0	-40 to +75	300
RG-174/U Type RF100A	7805	6.59	Belden	1/.018" BC (3.2)	PE (.061)	BF/90% TC (9.1)	PVC (.110)	.009	50	31.2	-40 to +75	1,100
RG-174/U Type RF100LL	7805R	6.59	Belden	1/.020" BC (27.3)	FHDPE (.060)	BF/93% TC (9.3)	PVC (.110)	.010	50	26.2	-40 to +75	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) UL	Max. Oper. Voltage (RMS) Non UL
Low Loss 50 Ohm Wireless RF Transmission Cables (continued)												
RG-58/U Type RF195	7806A	6.60	Belden	1/.037" BC (7.6)	GIFPE (.110)	DF/90% TC (4.2)	PE (.195)	.022	50	24.3	-40 to +75	300
RG-58/U Type RF195 Riser	7806R	6.60	Belden	1/.037" BC (7.6)	GIFPE (.110)	DF/90% TC (4.2)	PVC (.195)	.026	50	24.3	-40 to +75	300
RG-58/U Type RF200	7807A	6.60	Belden	1/.044" BC (3.3)	GIFPE (.116)	DF/95% TC (4.2)	PE (.195)	.026	50	23.5	-40 to +75	300
RG-58/U Type RF200 Riser	7807R	6.60	Belden	1/.044" BC (3.3)	GIFPE (.116)	DF/95% TC (4.2)	PVC (.195)	.029	50	23.5	-40 to +75	300
RG-8/X Type RF240	7808A	6.61	Belden	1/.057" BC (3.2)	GIFPE (.150)	DB/95% TC (3.5)	PE (.240)	.036	50	23.0	-40 to +75	300
RG-8/X Type RF240 Riser	7808R	6.61	Belden	1/.057" BC (3.2)	GIFPE (.150)	DB/95% TC (3.5)	PVC (.240)	.040	50	23.0	-40 to +75	300
RG-8/X Type RF240 Burial	7808WB	6.61	Belden	1/.057" BC (3.2)	GIFPE (.150)	DB/95% TC (3.5)	PE (.240)	.036	50	23.0	-40 to +75	300
RF300	7809A	6.62	Belden	1/.072" BC (2.0)	GIFPE (.190)	DB/95% TC (2.7)	PE (.300)	.046	50	23.0	-40 to +75	300
RF300R Riser	7809R	6.62	Belden	1/.072" BC (2.0)	GIFPE (.190)	DB/95% TC (2.7)	PVC (.300)	.053	50	23.0	-40 to +75	300
RF300WB Burial	7809WB	6.62	Belden	1/.072" BC (2.0)	GIFPE (.190)	DB/95% TC (2.7)	PE (.300)	.046	50	23.0	-40 to +75	300
RG-8/U Type RF400	7810A	6.63	Belden	1/.108" BCCA (1.3)	GIFPE (.285)	DB/95% TC (1.8)	PE (.405)	.077	50	23.0	-40 to +75	300
RG-8/U Type RF400 Riser	7810R	6.63	Belden	1/.108" BCCA (1.3)	GIFPE (.285)	DB/95% TC (1.8)	PVC (.405)	.087	50	23.0	-40 to +75	300
RG-8/U Type RF400 Burial	7810WB	6.63	Belden	1/.108" BCCA (1.3)	GIFPE (.285)	DB/95% TC (1.8)	PE (.405)	.077	50	23.0	-40 to +75	300
RF500 Aerial	7976A	6.64	Belden	1/.142" BCCA (.8)	FHDPE (.370)	DBII/90% TC (1.6)	PE (.500)	.120	50	25.1	-40 to +80	300
RF500 Aerial	7976R	6.64	Belden	1/.142" BCCA (.8)	FHDPE (.370)	DBII/90% TC (1.6)	PVC (.500)	.120	50	25.1	-40 to +80	300
RF500 Aerial	7976WB	6.64	Belden	1/.142" BCCA (.8)	FHDPE (.370)	DBII/90% TC (1.6)	PE (.500)	.120	50	25.1	-40 to +80	300
RF600 Aerial	7977A	6.65	Belden	1/.176" BCCA (.5)	FHDPE (.455)	DBII/85% TC (1.8)	PE (.590)	.163	50	24.6	-40 to +80	300
RF600 Aerial	7977R	6.65	Belden	1/.176" BCCA (.5)	FHDPE (.455)	DBII/85% TC (1.8)	PVC (.590)	.163	50	24.6	-40 to +80	300
RF600 Aerial	7977WB	6.65	Belden	1/.176" BCCA (.5)	FHDPE (.455)	DBII/85% TC (1.8)	PE (.590)	.163	50	24.6	-40 to +80	300
Microwave Conformable Coax												
RG-401/U Type Conformable	1675A	6.73	Belden	1/.065" SPCCS (2.5)	TFE (.210)	CT (8.0)	None (.246)	.081	50	29.6	-70 to +200	3,000
RG-402/U Type Conformable	1673A	6.73	Belden	1/.036" SPCCS (20.5)	TFE (.116)	CT (4.5)	None (.138)	.020	50	29.5	-70 to +200	1,900
RG-402/U Type Conformable	1673B	6.73	Belden	1/.036" SPC (7.9)	TFE (.116)	CT (4.5)	None (.138)	.020	50	29.5	-70 to +200	1,900
RG-402/U Type Conformable Jacketed	1673J	6.73	Belden	1/.036" SPCCS (20.5)	TFE (.116)	CT (4.5)	PVC (.178)	.020	50	29.5	-40 to +105	1,900
RG-405/U Type Conformable	1671A	6.72	Belden	1/.020" SPCCS (64.2)	TFE (.062)	CT (10.2)	None (.085)	.012	50	29.5	-70 to +200	1,500
RG-405/U Type Conformable	1671B	6.72	Belden	1/.020" SPC (25.7)	TFE (.062)	CT (10.2)	None (.085)	.012	50	29.5	-70 to +200	1,500
RG-405/U Type Conformable Jacketed	1671J	6.72	Belden	1/.020" SPCCS (64.2)	TFE (.062)	CT (10.2)	PVC (.127)	.016	50	29.5	-40 to +105	1,500
M17/151 Type Conformable	1674A	6.72	Belden	1/.011" SPCCS (205.0)	TFE (.034)	CT (8.0)	None (.047)	.004	50	29.5	-70 to +200	1,000
M17/151 Type Conformable	1674B	6.72	Belden	1/.011" SPCCS (81.2)	TFE (.034)	CT (8.0)	None (.047)	.004	50	29.5	-70 to +200	1,000
75 Ohm Conformable	1672A	6.74	Belden	1/.011" SCSS (205.0)	TFE (.062)	CT (10.0)	None (.087)	.012	75	19.5	-70 to +200	1500
75 Ohm Conformable	1672B	6.74	Belden	1/.011" SPC (11.0)	TFE (.062)	CT (10.0)	None (.087)	.012	75	19.5	-70 to +200	1500
75 Ohm Conformable Jacketed	1672J	6.74	Belden	1/.011" SCSS (205.0)	TFE (.062)	CT (10.0)	PVC (.127)	.016	75	19.5	-40 to +105	1500

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

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



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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) UL	Max. Oper. Voltage (RMS) Non UL
RG-6 Type												
RG-6/U Type Plenum	1152A	6.25	Belden, IBM P/N1501919	1/.040" BCCS (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" BCCS (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" BCCS (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" BCCS (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" BCCS (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" BCCS (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" BCCS (28.0)	GIFPE (.180)	DB+/77% AL (5.6)	PVC (.275 x .416)	.042	75	16.2	-40 to +80	300
RG-6/U Type	1322R	6.24	Belden	1/.040" BCCS (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 Composite (w/PowerPair)	1360SB	6.39	Belden	1/.040" BC (6.4)	FFEP (.180)	95% BC (3.1)	LSZH (.275 x .514)	.076	75	16.3	-30 to +75	300
RG-6/U Type	1530A	6.20	Belden	1/.040" BCCS (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" BCCS (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" BCCS (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" BCCS (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" BCCS (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" BCCS (28.0)	GIFPE (.180)	DBIII/60% AL (6.5)	PVC (.278)	.029	75	16.2	-40 to +80	300
RG-6/U Type	1613A	6.22	Belden	1/.040" BCCS (28.0)	GIFPE (.180)	DBIII/77% AL (5.6)	PVC (.278)	.030	75	16.2	-40 to +80	300
RG-6/U Type Burial	1614A	6.22	Belden	1/.040" BCCS (28.0)	GIFPE (.180)	DBIII/77% AL (5.6)	PE (.275)	.024	75	16.2	-55 to +80	300
RG-6/U Type Messengered	1615AM	6.22	Belden	1/.040" BCCS (28.0)	GIFPE (.180)	DBIII/77% AL (5.6)	PVC (.275 x .416)	.043	75	16.2	-40 to +80	300
RG-6/U Type Messengered	1616AM	6.22	Belden	1/.040" BCCS (28.0)	GIFPE (.180)	DBIII/77% AL (5.6)	PVC (.275 x .416)	.045	75	16.2	-40 to +80	300
RG-6/U Type Digital Video	1694A	6.44	Belden	1/.040" BC (6.4)	GIFHDPE (.180)	DF/95% TC (2.8)	PVC (.275)	.040	75	16.2	-20 to +75	300
RG-6/U Type Digital Video	1694SB	6.44	Belden	1/.040" BC (6.4)	FFEP (.170)	DF/95% TC (2.8)	FLM (.234)	.045	75	16.2	-30 to +75	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	-40 to +80	300
RG-6/U Type	1829A	6.31	Belden	1/.040" BCCS (28.0)	GIFPE (.180)	DBII/60% AL (9.0)	PVC (.270)	.030	75	16.2	-40 to +80	300
RG-6/U Type	1829AC	6.31	Belden	1/.040" BCAC (6.4)	GIFPE (.180)	DBII/60% AL (9.0)	PVC (.270)	.030	75	16.2	-30 to +75	300
RG-6/U Type Burial	1829B	6.31	Belden	1/.040" BCCS (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" BCAC (6.4)	GIFPE (.180)	DBII/60% AL (9.0)	PE (.270)	.024	75	16.2	-55 to +80	300
RG-6/U Type Plenum	1829P	6.31	Belden	1/.040" BCCS (28.0)	GIFPE (.180)	DBII/60% AL (9.0)	FLM (.235)	.027	75	16.3	-20 to +75	300
RG-6/U Type	1829R	6.31	Belden	1/.040" BCCS (28.0)	GIFPE (.180)	DBII/60% AL (9.0)	PVC (.270)	.029	75	16.2	-40 to +80	300
RG-6/U Type Burial	1837A	6.21	Belden	1/.040" BCCS (28.0)	GIFPE (.180)	DBIII/60% AL (6.5)	PE (.275)	.024	75	16.2	-55 to +80	300

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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) UL	Max. Oper. Voltage (RMS) Non UL
RG-6 Type (continued)												
RG-6/U Type Static Ground	1839A	6.32	Belden	1/.040" BCCS (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" BCAC (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" BCAC (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" BCCS (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" BCAC (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" BCCS (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	3131A	6.84	Belden	1/.040" BCCS (28.0)	FPE (.180)	DBIV/67% AL 46% AL (3.6)	PVC (.300)	.033	75	16.2	-30 to +75	3000
RG-6/U Type	3132A	6.84	Belden	1/.040" BCCS (28.0)	FFPE (.170)	DBIV/67% AL 46% AL (7.2)	PVDF (.274)	.043	75	16.3	-20 to +150	300
RG-6/U Type	5339G5	6.21	Belden	1/.040" BCCS (28.0)	GIFPE (.180)	BB/50% AL (15.0)	PVC (.253)	.024	75	16.2	-40 to +80	300
RG-6/U Type	7915A	6.33	Belden	1/.040" BC (6.4)	GIFPE (.180)	DB+/77% 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-6/U Type	8215	6.38	Belden	1/.028" BCCS (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	8238	6.39	JAN-C-17A	7/.048" TC (6.1)	FRSFPE (.285)	None/97% BC (1.2)	PVC (.405)	.117	75	20.5	-40 to +80	300
RG-6/U Type	8261	6.39	MIL-C-17D	7/.048" TC (6.1)	PE (.285)	None/97% BC (1.2)	PVC (.405)	.104	75	20.5	-40 to +60	3,700
RG-6/U Type	9058	6.23	Belden	1/.040" BCCS (28.0)	GIFPE (.180)	DB+/77% AL (5.6)	PVC (.275)	.029	75	16.2	-40 to +80	300
RG-6/U Type Messengered	9058M	6.23	Belden	1/.040" BCCS (28.0)	GIFPE (.180)	DB+/77% AL (5.6)	PVC (.275 x .416)	.043	75	16.2	-40 to +80	350
RG-6/U Type Burial	9062	6.23	Belden	1/.040" BCCS (28.0)	GIFPE (.180)	DB+/77% AL (5.6)	PVC (.275)	.023	75	16.2	-55 to +80	300
RG-6/U Type Burial	9066	6.19	Belden	1/.040" BCCS (28.0)	GIFPE (.180)	DBII/60% AL (9.0)	PE (.270)	.026	75	16.2	-55 to +80	300
RG-6/U Type	9077	6.19	Belden	2/.040" BCCS (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" BCCS (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" BCCS (28.0)	FFPE (.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" BCCS (28.0)	GIFPE (.180)	DBII/60% AL (9.0)	PVC (.270)	.030	75	16.2	-40 to +80	300
RG-6/U Type	9116SB	6.19	Belden	1/.040" BCCS (28.0)	GIFPE (.180)	DBII/60% AL (9.0)	LSZH (.274)	.031	75	16.2	-30 to +75	300
RG-6/U Type Messengered	9117M	6.19	Belden	1/.040" BCCS (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" BCCS (28.0)	GIFPE (.180)	DBIII/60% AL (6.8)	PVC (.275)	.026	75	16.2	-40 to +80	300
RG-6/U Type Messengered	9119M	6.21	Belden	1/.040" BCCS (28.0)	GIFPE (.180)	DBIII/60% AL (6.5)	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)	GIFHDPE (.180)	DF/65% TC (5.6)	PVC (.270)	.030	75	16.2	-40 to +80	300
RG-6/U Type	9290	6.38	Belden	1/.037" BC (7.5)	FPE (.180)	None/95% BC None/95% BC (2.0)	PVC (.288)	.054	75	17.3	-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, RG-8 and RG-11 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) UL	Max. Oper. Voltage (RMS) Non UL
RG-6 Type (continued)												
RG-6/U Type Plenum	82120	6.25	Belden	1/.040" BCCS (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 (6.4)	FFEP (.170)	DF/65% TC (5.1)	FLM (.222)	.035	75	16.5	-20 to +75	300
RG-6/U Type Plenum	87120	6.25	Belden	1/.040" BCCS (28.0)	FFEP (.170)	DF/95% TC (1.7)	PVDF (.234)	.043	75	16.5	-20 to +150	300
RG-6/U Type Plenum	89120	6.25	Belden	1/.040" BCCS (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 (6.4)	FFEP (.170)	DF/65% TC (5.1)	FEP (.222)	.035	75	16.5	-70 to +200	300
RG-8 Type												
RG-8/U Type	7733A	6.70	Belden	1/1.108" BC (0.9)	FFEP (.280)	DF/90% TC (1.8)	PVDF (.355)	.115	50	24.2	-20 to +150	300
RG-8/X Type RF240	7808A	6.61	Belden	1/1.057" BC (3.2)	GIFHDPE (.150)	DB/95% TC (2.8)	PE (.240)	.036	50	23.0	-40 to +75	300
RG-8/X Type RF240 Riser	7808R	6.61	Belden	1/1.057" BC (3.2)	GIFHDPE (.150)	DB/95% TC (2.8)	PVC (.240)	.040	50	23.0	-40 to +75	300
RG-8/X Type RF240 Burial	7808WB	6.61	Belden	1/1.057" BC (3.2)	GIFHDPE (.150)	DB/95% TC (2.8)	PE (.240)	.036	50	23.0	-40 to +75	300
RG-8/U Type RF400	7810A	6.63	Belden	1/1.108" BCCA (1.34)	GIFHDPE (.285)	DB/95% TC (2.0)	PE (.403)	.077	50	23.0	-40 to +75	300
RG-8/U Type RF400 Riser	7810R	6.63	Belden	1/1.108" BCCA (1.34)	GIFHDPE (.285)	DB/95% TC (2.0)	PVC (.403)	.087	50	23.0	-40 to +75	300
RG-8/U Type RF400 Burial	7810WB	6.63	Belden	1/1.108" BCCA (1.34)	GIFHDPE (.285)	DB/95% TC (2.0)	PE (.403)	.077	50	23.0	-40 to +75	300
RG-8/U Type	8214	6.69	Belden	7/1.108" BC (1.2)	FPE (.285)	None/97% BC (1.1)	PVC (.403)	.106	50	26.0	-40 to +80	300
RG-8/U Type	8237	6.69	JAN-C-17A	7/.085" BC (1.9)	PE (.285)	None/97% BC (1.2)	PVC (.405)	.104	52	28.5	-40 to +75	3,700
RG-8/U Type	9251	6.69	MIL-C-17D	7/.085" BC (1.9)	PE (.285)	None/97% BC (1.2)	PVC-NC (.405)	.099	52	28.5	-40 to +80	3,700
RG-8/X Type	9258	6.69	Belden	19/.058" BC (4.3)	GIFPE (.155)	None/95% BC (3.3)	PVC (.242)	.035	50	24.8	-30 to +80	300
RG-8/U Type Thick Ethernet	9880	6.83	Belden, DEC PN17-00451-00	1/.086" BC (1.4)	FPE (.243)	DBIV/94% TC 90% TC (1.5)	PVC (.405)	.113	50	26.0	-30 to +60	300
RG-8/U Type Triaxial	9888	6.90	Belden	7/1.108" BC (1.2)	FPE (.285)	Inner None/96% BC (1.2) Outer None/96% BC (2.1)	Inner PE (.370) Outer PE (.480)	.130	50	26.0	-55 to +80	300
RG-8/U Type	9913	6.70	Belden	1/1.108" BC (0.9)	SSPE (.286)	DBII/90% TC (1.8)	PVC (.405)	.097	50	24.6	-40 to +80	300
RG-8/U Type	9913F7	6.70	Belden	7/1.108" BC (1.1)	GIFHDPE (.285)	DB/95% TC (1.8)	BELFX (.405)	.094	52	22.5	-40 to +80	300
RG-8/U Type	9914	6.70	Belden	1/1.103" BC (1.8)	GIFHDPE (.285)	DBII/95% TC (1.1)	PVC (.403)	.108	50	24.8	-40 to +80	300
RG-8/U Type Thick Ethernet Plenum	89880	6.83	Belden, DEC PN17-00324-00	1/.086" BC (1.4)	FFEP (.245)	DBIV/90% TC 90% TC (1.5)	PVDF (.375)	.137	50	26.0	-25 to +150	300
RG-8/U Type Plenum	89913	6.70	Belden	1/1.108" BC (0.9)	SSFEP (.295)	DBII/90% TC (1.8)	PVDF (.364)	.115	50	25.0	-20 to +150	300
RG-11 Type												
RG-11/U Type Plenum	1153A	6.28	Belden, IBM P/N1501908	1/.064" BCCS (11.0)	FFEP (.280)	DF/60% TC DF/40% TC (1.8)	FEP (.387)	.092	75	16.2	-70 to +200	300
RG-11/U Type	1523A	6.26	Belden	1/.064" BCCS (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" BCCS (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" BCCS (11.0)	FFEP (.274)	DBII/60% AL (4.1)	PVDF (.348)	.057	75	16.3	-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) UL	Max. Oper. Voltage (RMS) Non UL
RG-11/U Type (continued)												
RG-11/U Type Riser	1523R	6.26	Belden	1/.064" BCCS (11.0)	GIFPE (.280)	DBII/60% AL (4.1)	PVC (.400)	.054	75	16.2	-30 to +80	300
RG-11/U Type Messengered	1524AM	6.26	Belden	1/.064" BCCS (11.0)	GIFPE (.280)	DBII/60% AL (4.1)	PVC (.400 x .580)	.070	75	16.2	-40 to +80	300
RG-11/U Type Burial	1525A	6.26	Belden	1/.064" BCCS (11.0)	GIFPE (.280)	DBII/60% AL (4.1)	PE (.400)	.046	75	16.2	-50 to +80	300
RG-11/U Type	1617A	6.28	Belden	1/.064" BCCS (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" BCCS (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" BCCS (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	6.53	Belden	19/.064" BC (3.1)	GIFHDPE (.312)	Inner None/95% BC (1.8) Outer None/95% BC (1.4)	Inner PE (.405) Outer BELFX (.520)	.147	75	17.3	-35 to +75	300
RG-11/U Type Triaxial Plenum	1859A	6.53	Belden	19/.064" BC (3.1)	FFEP (.285)	Inner None/95% (1.4) Outer None/87% (1.4)	Inner PVDF (.350) Outer PVDF (.406)	.120	75	16.5	-20 to +125	300
RG-11/U Type	3094A	6.84	Belden	1/.064" BCCS (11.0)	GIFPE (.280)	DBIV/67% AL 46% AL (1.5)	PVC (.407)	.059	75	16.2	-40 to +80	300
RG-11/U Type	3095A	6.85	Belden	1/.064" BCCS (11.0)	FFEP (.280)	DBIV/67% AL 46% AL (3.9)	PVDF (.387)	.068	75	16.5	-20 to +150	300
RG-11/U Type	7731A	6.44	Belden	1/.064" BC (2.5)	GIFHDPE (.280)	DF/95% TC (1.5)	PVC (.400)	.100	75	16.0	-30 to +75	300
RG-11/U Type Plenum	7732A	6.44	Belden	1/.064" BC (2.5)	FFEP (.274)	DF/95% TC (1.6)	PVDF (.348)	.075	75	16.3	-20 to +150	300
RG-11/U Type Triax Flooded	7803A	6.54	Belden	1/.064" BC (2.5)	GIFHDPE (.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 Aerial	7983A	6.27	Belden	1/.064" BCCS (11.0)	GIFPE (.280)	DBIII+/77% AL (4.0)	PVC (.400 x .580)	.084	75	16.2	-40 to +80	300
RG-11/U Type Burial	7984A	6.27	Belden	1/.064" BCCS (11.0)	GIFPE (.280)	DBIII+/77% AL (4.0)	PE (.400)	.052	75	16.2	-55 to +80	300
RG-11/U Type	8213	6.39	Belden	1/.064" BC (2.6)	GIFHDPE (.285)	None/97% BC (1.1)	PE (.405)	.087	75	16.1	-55 to +80	300
RG-11/U Type Triaxial	8233	6.54	Belden	1/.064" BC (2.5)	GIFHDPE (.285)	Inner None/95% BC (1.6) Outer None/80% BC (1.4)	Inner PE (.365) Outer PE (.475)	.112	75	16.1	-55 to +80	300
RG-11/U Type Triaxial	8233A	6.54	Belden	1/.064" BC (2.5)	GIFHDPE (.285)	Inner None/95% BC (1.6) Outer None/80% BC (1.4)	Inner PVC (.365) Outer PVC (.475)	.132	75	16.1	-30 to +75	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) UL	Max. Oper. Voltage (RMS) Non UL
RG-11/U Type (continued)												
RG-11/U Type	9011	6.26	Belden	1/.064" BCCS (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" BCCS (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" BCCS (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	6.53	Belden	19/.064" BC (3.3)	GIFHDPE (.312)	Inner None/90% BC (1.6) Outer None/82% BC (1.6)	Inner PE (.390) Outer PVC (.520)	.134	75	17.3	-40 to +75	300
RG-11/QPL M17/6-RG11	9212	6.79	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	6.53	Belden	19/.064" BC (3.0)	GIFHDPE (.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 +75	300
RG-11/U Type	9292	6.39	Belden	1/.064" BC (2.5)	GIFHDPE (.280)	DF/61% TC (3.0)	PVC (.405)	.081	75	16.1	-40 to +80	300
RG-11/U Type Burial	9764	6.27	Belden	1/.064" BCCS (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 (3.0)	FEP (.346)	.077	75	16.1	-70 to +200	300
RG-58 Type												
RG-58/U Type RF195	7806A	6.60	Belden	1/.037" BC (7.6)	GIFHDPE (.110)	DF/90% TC (4.2)	PE (.195)	.022	50	24.3	-40 to +75	300
RG-58/U Type RF195 Riser	7806R	6.60	Belden	1/.037" BC (7.6)	GIFHDPE (.110)	DF/90% TC (4.2)	PVC (.195)	.026	50	24.3	-40 to +75	300
RG-58/U Type RF200	7807A	6.60	Belden	1/.044" BC (3.3)	GIFHDPE (.116)	DF/95% TC (4.2)	PE (.195)	.026	50	23.5	-40 to +75	300
RG-58/U Type RF200 Riser	7807R	6.60	Belden	1/.044" BC (3.3)	GIFHDPE (.116)	DF/95% TC (4.2)	PVC (.195)	.029	50	23.5	-40 to +75	300
RG-58A/U Type	8219	6.68	Belden	19/.037" TC (8.8)	FPE (.114)	None/96% TC (4.1)	PVC (.194)	.025	53.5	26.5	-40 to +80	300
RG-58A/U	8240	6.68	JAN-C-17A	1/.033" BC (10.0)	PE (.116)	None/95% TC (4.1)	PVC (.193)	.025	51.5	28.5	-40 to +75	1,400
RG-58A/U Type	8259	6.68	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 M17/155-00001	8262	6.77	MIL-C-17G	19/.035" TC (10.8)	PE (.115)	None/95% TC (4.1)	PVC-NC (.195)	.024	50	30.8	-40 to +85	1,400
RG-58/U Type	9201	6.67	Belden	1/.033" BC (10.0)	PE (.116)	None/78% BC (5.5)	PVC (.193)	.022	51.5	28.5	-40 to +80	1,400
RG-58/QPL M17/28-RG-58	9203	6.77	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
RG-58A/U Type Triaxial	9222	6.90	Belden	7/.037" TC (9.5)	PE (.114)	Inner None/96% 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	6.82	Belden	7/.030" TC (10.8)	PE (.112)	DBII/95% TC (4.1)	PVC (.195)	.024	50	37.0	-40 to +80	1,900
RG-58/U Type	9310	6.67	Belden	1/.033" BC (9.4)	PE (.114)	DBII/55% TC (8.0)	PVC (.193)	.020	50	30.8	-40 to +60	1,400
RG-58A/U Type	9311	6.68	Belden	19/.037" TC (8.8)	FPE (.114)	DBII/55% TC (17.0)	PVC (.193)	.018	52	26.0	-40 to +80	300
RG-58A/U Type Thin Ethernets	9907	6.83	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 +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-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) UL	Max. Oper. Voltage (RMS) Non UL
RG-58 Type (continued)												
RG-58A/U Type Plenum	82240	6.68	Belden	1/.032" BC (10.2)	FEP (.107)	None/95% TC (6.7)	FLM (.159)	.030	53.5	26.4	0 to +75	1,400
RG-58A/U Type Thin Ethernets Plenum	82907	6.83	Belden	19/.0375" TC (8.8)	FFEP (.095)	DBII/93% TC (5.8)	FLM (.160)	.023	50	25.4	0 to +75	300
RG-58A/U Type Plenum	88240	6.68	Belden	1/.032" BC (10.2)	FEP (.107)	None/95% TC (6.7)	FEP (.159)	.021	53.5	26.4	-70 to +200	300
RG-58A/U Type Thin Ethernet Plenum	89907	6.83	DEC P/N 17-01246-00	19/.0375" TC (8.8)	FFEP (.095)	DBII/93% TC (5.8)	PVDF (.160)	.025	50	25.4	-20 to +150	300
RG-59/U Type												
RG-59/U Type Plenum	1151A	6.18	Belden, IBM P/N 1501917	1/.032" BCCS (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)	GIFHDPE (.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)	GIFHDPE (.145)	None/95% BC (2.6)	PVC (.242)	.033	75	16.3	-30 to +75	300
RG-59/U Type	1505A	6.29	Belden	1/.032" BC (10.0)	GIFHDPE (.145)	DF/95% TC (3.8)	PVC (.234)	.031	75	16.3	-30 to +75	300
RG-59/U Type	1505F	6.29	Belden	7/.031" BC (12.2)	GIFHDPE (.145)	None/94% BC (2.4) None/94% BC (2.4)	PVC (.242)	.040	75	17.0	-35 to +75	300
RG-59/U Type Plenum	1506A	6.42	Belden	1/.032" BC (10.0)	FFEP (.133)	DF/95% TC (3.8)	FLM (.196)	.027	75	16.0	-20 to +75	300
RG-59/U Type Triaxial	1856A	6.52	Belden	1/.032" BC (10.1)	GIFHDPE (.145)	Inner None/95% BC (2.5) Outer None/95% BC (1.6)	Inner PE (.216) Outer BELFX (.360)	.070	75	16.2	-35 to +75	300
RG-59/U Type Triax	1856B	6.52	Belden	1/.032" BC (10.1)	GIFHDPE (.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	6.51	Belden	19/.031" BC (14.0)	FPE (.143)	Inner None/95% BC (2.5) Outer None/90% BC (1.6)	Inner PE (.216) Outer BELFX (.360)	.075	75	17.0	-35 to +75	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" BCCS (50.0)	FPE (.146)	None/85% BC (2.6)	PVC (.242)	.032	80	16.3	-40 to +75	300
RG-59/U Type Triaxial	8232	6.51	Belden	1/.032" BC (10.0)	GIFHDPE (.145)	Inner None/95% BC (2.5) Outer None/80% BC (2.8)	Inner PE (.225) Outer PE (.315)	.054	75	16.2	-55 to +80	300
RG-59/U Type Triaxial	8232A	6.51	Belden	1/.032" BC (10.0)	GIFHDPE (.145)	Inner None/98% BC (2.5) Outer None/80% BC (2.8)	Inner PVC (.226) Outer PVC (.315)	.065	75	16.2	-40 to +75	300
RG-59/U Type	8241	6.35	Belden	1/.023" BCCS (49.0)	PE (.146)	None/95% BC (2.6)	PVC (.240)	.036	75	20.5	-40 to +75	1,700

*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

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) UL	Max. Oper. Voltage (RMS) Non UL
RG-59/U Type (continued)												
RG-59/U Type	8241A	6.35	Belden	1/.023" BCCS (49.0)	FRSFPE (.146)	None/95% BC (2.6)	PVC (.242)	.039	75	20.5	-40 to +75	300
RG-59/U Type	8241B	6.35	Belden	1/.0228" BC (20.0)	PE (.146)	None/95% BC (2.9)	PVC (.242)	.038	75	20.5	-20 to +75	300
RG-59/U Type	8241F	6.35	Belden	7/.030" BC (15.0)	FPE (.146)	None/95% BC (2.6)	PVC (.242)	.033	75	17.3	-30 to +60	300
RG-59B/U Type	8263	6.36	MIL-C-17D	1/.023" BCCS (49.0)	PE (.146)	None/95% BC (2.6)	PVC-NC (.242)	.035	75	20.5	-40 to +60	1,700
RG-59/U Type Precision	8279	6.41	Belden	7/.023" BCC (19.1)	PE (.146)	None/95% TC (4.5)	PE (.220)	.026	75	21.0	-55 to +80	2,300
RG-59/U Type Precision Video	8281	6.30	Belden	1/.031" BC (9.9)	PE (.198)	None/97% TC None/95% TC (1.1)	PE (.305)	.068	75	21.0	-55 to +80	2,900
RG-59/U Type Precision Video	8281B	6.30	Belden	1/.031" BC (9.9)	FRSFPE (.198)	None/97% TC None/95% TC (1.1)	PVC (.305)	.078	75	21.0	-40 to +80	300
RG-59/U Type Precision Video	8281F	6.30	Belden	7/.0315" BCC (12.2)	PE (.198)	None/97% TC None/95% TC (1.7)	PVC (.305)	.060	75	21.0	-20 to +60	2,900
RG-59/U Type	9100	6.16	Belden	1/.032" BCCS (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" BCCS (44.5)	GIFPE (.144)	DBII/67% AL (12.0)	PVC (.237)	.024	75	16.2	-40 to +80	300
RG-59/U Type	9104N	6.17	Belden	1/.032" BCCS (44.5)	GIFPE (.144)	DBII/67% AL (12.0)	PVC (.237)	.024	75	16.2	-40 to +80	300
RG-59/U Type Plenum	9104P	6.17	Belden	1/.032" BCCS (44.5)	FFEP (.140)	DBII/67% AL (12.0)	FLM (.203)	.024	75	16.3	-20 to +75	300
RG-59/U Type	9105M	6.17	Belden	1/.032" BCCS (44.5)	GIFHDPE (.140)	DBII/67% AL (12.0)	PVC (.240 x .387)	.037	75	16.2	-40 to +80	300
RG-59/U Type	9110	6.17	Belden	1/.032" BCCS (44.5)	GIFHDPE (.144)	DBIII/67% AL (12.0)	PVC (.242)	.022	75	16.2	-40 to +80	300
RG-59/U Type Precision Video	9141	6.43	Belden	1/.031" BC (9.9)	PE (.200)	None/97% TC None/95% TC (1.1)	PE (.305)	.069	75	20.0	-55 to +80	1,900
RG-59/U Type	9167	6.29	Belden	1/.032" SPCCS (25.8)	GIFPE (.144)	DB+/95% AL (4.5)	PVC (.242)	.028	75	16.2	-40 to +80	300
RG-59/QPL M17/29-RG59	9204	6.79	MIL-C-17G	1/.023" BCCS (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/.023" BC (20.4)	PE (.146)	DF/95% TC (4.5)	PE (.220)	.026	75	21.0	-55 to +80	2,300
RG-59/U Type Precision Video	9209A	6.41	Belden	1/.023" BC (20.4)	FRSFPE (.146)	DF/95% TC (4.5)	PVC (.220)	.035	75	20.5	-40 to +75	300
RG-59/U Type	9224	6.82	Belden	1/.025" BCCS (54.0)	PE (.146)	None/93% BC (2.5)	PVC (.242)	.033	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 (.305)	.071	75	21.0	-40 to +60	1,900
RG-59/U Type	9240	6.37	Belden	1/.032" BCCS (44.5)	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/.025" BCCS (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 (.241)	.033	75	17.3	-40 to +80	300
RG-59/U Type Triaxial	9267	6.52	Belden	1/.032" BC (10.0)	GIFHDPE (.145)	Inner None/95% BC (2.5) Outer None/80% BC (2.6)	Inner PE (.216) Outer H (.360)	.079	75	16.3	-20 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, 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) UL	Max. Oper. Voltage (RMS) Non UL
RG-59/U Type (continued)												
RG-59/U Type	9274	6.37	Belden	1/.032" BCCS (44.5)	FPE (.143)	None/95% BC (3.5)	PVC (.240)	.030	75	16.3	-40 to +80	300
RG-59/U Type	9275	6.16	Belden	1/.032" BCCS (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	6.84	Belden	1/.023" BCCS (50.0)	FRSFPE (.146)	None/95% BC (2.6)	PVC (.238 x .478)	.075	75	20.5	-40 to +80	300
RG-59/U Type	9659	6.36	Belden	7/.030" BC (15.0)	FPE (.146)	None/95% BC (2.6)	PVC-NC (.242)	.032	75	17.3	-40 to +80	300
RG-59/U Type Plenum	82108	6.18	Belden	1/.032" BCCS (26.0)	FFEP (.140)	DF/96% TC (2.6)	FLM (.202)	.035	75	16.5	0 to +75	300
RG-59/U Type Plenum	82241	6.35	Belden	1/.023" BCCS (49.0)	FEP (.134)	None/97% BC (2.6)	FLM (.190)	.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)	.036	75	17.3	-20 to +75	300
RG-59/U Type Plenum	88241	6.35	Belden	1/.023" BCCS (49.0)	FEP (.132)	None/97% BC (2.6)	FEP (.190)	.037	75	19.5	-70 to +200	1,700
RG-59/U Type Plenum Triax	88232	6.51	Belden	1/.032" BC (32.8)	FFEP (.140)	Inner None/95% BC (2.6) None/95% BC (2.6)	Inner FEP (.188) Outer FEP (.245)	.060	75	16.9	-40 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)	PVDF (.271)	.082	75	19.0	-20 to +150	1,900
RG-59/U Type Plenum	89108	6.18	Belden	1/.032" BCCS (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)	.036	75	17.3	-70 to +200	300
RG-59/U Type Dual Plenum	89555	6.84	Belden	1/.023" BCCS (50.0)	FEP (.134)	None/97% BC (2.6)	FEP (.212 x .424)	.085	75	19.5	-70 to +200	1,700
RG-62 Type												
RG-62/U Type	8254	6.85	JAN-C-17A	1/.025" BCCS (41.2)	SSPE (.146)	None/95% BC (2.9)	PVC (.238)	.033	93	13.5	-40 to +80	750
RG-62B/U Type	8255	6.85	MIL-C-17D	7/.024" BCCS (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	6.85	Belden	1/.025" BCCS (41.2)	SSPE (.146)	None/95% BC (2.9)	HDPE (.242)	.033	93	13.5	-55 to +80	750
RG-62A/U Type	9268	6.85	Belden, IBM P/N 5252750	1/.025" BCCS (41.2)	SSPE (.146)	None/95% BC (2.9)	PVC (.260)	.037	93	13.5	-40 to +80	750
RG62A/U Type	9269	6.85	Belden, IBM P/N 323921	1/.025" BCCS (41.2)	SSPE (.146)	None/95% BC (2.9)	PVC (.239)	.034	93	13.5	-40 to +80	750
RG-62/QPL M17/30-RG62	9862	6.80	MIL-C-17G	1/.025" BCCS (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	6.86	Belden	1/.025" BCCS (41.2)	FFEP (.146)	None/94% BC (3.4)	FLM (.204)	.035	93	12.5	0 to +75	300
RG-62/U Type Plenum	82269	6.86	Belden	1/.025" BCCS (41.2)	SSFEP (.142)	None/94% BC (3.4)	FLM (.200)	.035	93	12.8	0 to +75	750
RG-62/U Type Plenum	86262	6.86	Belden, IBM	1/.025" BCCS (41.2)	FFEP (.146)	None/94% BC (3.4)	FEP (.204)	.035	93	12.5	-70 to +200	300
RG-62/U Type Plenum	87269	6.86	Belden	1/.025" BCCS (41.2)	SSFEP (.142)	None/94% BC (3.4)	PVDF (.200)	.031	93	12.8	-20 to +150	750
RG-62/U Type Plenum	89269	6.86	Belden, IBM	1/.025" BCCS (41.2)	SSFEP (.142)	None/94% BC (3.4)	FEP (.200)	.033	93	12.8	-70 to +200	750
Other Misc. RG Types												
RG-63/QPL M17/31-RG63	9857	6.80	MIL-C-17G	1/.025" BCCS (41.2)	SSPE (.285)	None/97% BC (1.2)	PVC-NC (.405)	.078	125	9.7	-40 to +80	750
RG-71/QPL M17/90-RG71	9169	6.80	MIL-C-17G	1/.025" BCCS (41.2)	SSPE (.146)	None/95% BC None/95% TC (1.5)	PE (.245)	.042	93	13.5	-55 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

Misc. RG Types and Miniature 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) UL	Max. Oper. Voltage (RMS) Non UL
Other Misc. RG Types (continued)												
RG-122/U QPL M17/157-00001	9252	6.76	MIL-C-17G	27/.030" TC (17.1)	PE (.096)	None/95% TC (5.2)	PVC-NC (.160)	.017	50	30.8	-40 to +80	1,400
RG-142B/U QPL M17/158-00001	83242	6.77	MIL-C-17G	1/0.037" SCCS (19.3)	TFE (.116)	None/96% SC None/96% SC (2.3)	FEP (.195)	.043	50	29.0	-70 to +200	1,400
RG-142/ QPL M17/60-RG142	84142	6.77	MIL-C-17G	1/0.037" SCCS (19.3)	TFE (.116)	None/96% SC None/96% SC (2.3)	FEP (.195)	.043	50	29.0	-70 to +200	1,400
RG-174/U Type RF100	7805	6.59	Belden	1/.018" BC (32.0)	PE (.061)	DF/90% TC (9.1)	PVC (.110)	.010	50	31.2	-40 to +75	1,100
RG-174/U Type RF 100 Low Loss	7805R	6.59	Belden	1/0.0195" BC (27.3)	FPE (.060)	DF/90% TC (9.4)	PVC (.110)	.010	50	26.2	-40 to +75	300
RG-174/U Type	8216	6.67	MIL-C-17F	7/.019" BCCS (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	6.82	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	6.76	MIL-C-17G	7/.012" SPCCS (244.0)	TFE (.033)	None/95% SPC (14.6)	FEP (.071)	.005	50	29.0	-70 to +200	750
RG-179/QPL M17/94-RG179	83264	6.79	MIL-C-17G	7/.012" SPCCS (244.0)	TFE (.062)	None/94% SPC (8.5)	FEP (.100)	.010	75	19.5	-70 to +200	900
RG-180/QPL M17/95-RG180	83266	6.80	MIL-C-17G	7/.012" SPCCS (244.0)	TFE (.102)	None/91% SPC (6.5)	FEP (.141)	.018	95	15.0	-70 to +200	1,100
RG-187A/U Type	83267	6.84	MIL-C-17D	7/.012" SPCCS (244.0)	TFE (.063)	None/95% SPC (8.6)	TFE-T (.103)	.010	75	19.5	-70 to +200	900
RG-188A/U Type	83269	6.67	MIL-C-17D	7/.020" SPCCS (91.2)	TFE (.058)	None/96% SPC (8.5)	TFE-T (.098)	.011	50	29.0	-70 to +200	900
RG-212/U QPL M17/162-00001	9861	6.78	MIL-C-17G	1/0.056" SPC (3.3)	PE (.185)	None/95% SPC None/95% SC (1.1)	PVC-NC (.332)	.081	50	30.8	-50 to +80	2,200
RG-213/U QPL M17/163-00001	8267	6.78	MIL-C-17G	7/.089" BC (1.7)	PE (.285)	None/96% BC (1.2)	PVC-NC (.405)	.102	50	30.8	-40 to +80	3,700
RG-214/U QPL M17/164-00001	8268	6.78	MIL-C-17G	7/.089" SPC (1.7)	PE (.285)	None/97% SPC None/97% SPC (.7)	PVC-NC (.425)	.128	50	30.8	-40 to +80	3,700
RG-216/QPL M17/77-RG216	9850	6.79	MIL-C-17G	7/.048" TC (6.1)	PE (.285)	None/95% BC None/95% BC (.8)	PVC-NC (.425)	.122	75	20.5	-40 to +80	3,700
RG-223/U QPL M17/167-00001	9273	6.77	MIL-C-17G	1/0.034" SCC (8.8)	PE (.117)	None/95% SCC None/95% SCC (2.5)	PVC-NC (.212)	.036	50	30.8	-40 to +60	1,400
RG-303/QPL M17/111-RG303	84303	6.77	MIL-C-17G	1/0.037" SPCCS (16.3)	TFE (.116)	None/95% SCC (4.3)	FEP (.170)	.030	50	29.0	-70 to +200	1,400
RG-316/U QPL M17/172-00001	83284	6.76	MIL-C-17G	7/.020" SPCCS (84.1)	TFE (.058)	None/95% SPC (6.5)	FEP (.098)	.010	50	29.0	-70 to +200	900
RG-316/QPL M17/113-RG316	84316	6.76	MIL-C-17G	7/.020" SPCCS (84.1)	TFE (.058)	None/95% SPC (6.5)	FEP (.098)	.010	50	29.0	-70 to +200	900
Miniature Coax												
Miniature Coax	8218	6.34	Belden	7/.017" BCCS (120.0)	PE (.100)	None/93% TC (5.7)	PVC (.150)	.014	75	20.5	-40 to +60	1,700
Miniature Coax	8700	6.82	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)	FHDPE (.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)	GIFHDPE (.102)	DF/95% TC (7.6)	PVC (.159)	.018	75	16.3	-30 to +75	300
Sub-Miniature RG-59/U Type	1865A	6.40	Belden	19/.021" BC (27.4)	GIFHDPE (.094)	DF/95% TC (5.4)	PVC (.150)	.014	75	16.5	-40 to +75	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 Coax

Cable Designation	Part No.	No. of Coax	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) UL	Max. Oper. Voltage (RMS) Non UL
Bundled Coax													
Bundled Coax Sub-Miniature RGB	1520A	3	6.47	Belden	7/.012" TC (100.0)	FHDPE (.056)	DF/90% TC (9.5)	PVC (.283)	.042	75	17.3	-40 to +60	300
Bundled Coax Sub-Miniature RGB	1521A	4	6.47	Belden	7/.012" TC (100.0)	FHDPE (.056)	DF/90% TC (9.5)	PVC (.310)	.050	75	17.3	-40 to +60	300
Bundled Coax Sub-Miniature RGB	1522A	5	6.47	Belden	7/.012" TC (100.0)	FHDPE (.056)	DF/90% TC (9.5)	PVC (.338)	.058	75	17.3	-40 to +60	300
Bundled Coax Miniature RGB	1406B	3	6.47	Belden	7/.019" BC (41.5)	FHDPE (.090)	DF/93% TC (8.6)	PVC (.388)	.064	75	17.3	-40 to +60	300
Bundled Coax Miniature RGB	1407B	4	6.47	Belden	7/.019" BC (41.5)	FHDPE (.090)	DF/93% TC (8.6)	PVC (.455)	.088	75	17.3	-40 to +60	300
Bundled Coax Miniature RGB	1417B	5	6.47	Belden	7/.019" BC (41.5)	FHDPE (.090)	DF/93% TC (8.6)	PVC (.477)	.102	75	17.3	-40 to +60	300
Bundled Coax RGB	1164B	3	6.48	Belden	7/.019" BC (41.5)	FHDPE (.090)	DF/93% TC (8.6)	PVC (.388)	.066	75	17.3	-40 to +60	300
Bundled Coax RGB	1167B	4	6.48	Belden	7/.019" BC (41.5)	FHDPE (.090)	DF/93% TC (8.6)	PVC (.455)	.090	75	17.3	-40 to +60	300
Bundled Coax RGB	1418B	5	6.48	Belden	7/.019" BC (41.5)	FHDPE (.090)	DF/93% TC (8.6)	PVC (.477)	.104	75	17.3	-40 to +60	300
Bundled Coax RGB	1277R	3	6.48	Belden	1/.018" TC (34.0)	FPFA (.074)	DB/95% TC (5.4)	PVC (.320)	.048	75	17.0	-40 to +75	300
Bundled Coax RGB	1278R	4	6.48	Belden	1/.018" TC (34.0)	FPFA (.074)	DB/95% TC (5.4)	PVC (.351)	.060	75	17.0	-40 to +75	300
Bundled Coax RGB	1279R	5	6.48	Belden	1/.018" TC (34.0)	FPFA (.074)	DB/95% TC (5.4)	PVC (.403)	.080	75	17.0	-40 to +75	300
Bundled Coax RGB	1280R	6	6.48	Belden	1/.018" TC (34.0)	FPFA (.074)	DB/95% TC (5.4)	PVC (.423)	.087	75	17.0	-40 to +75	300
Bundled Coax RGB Plenum	1277P	3	6.48	Belden	1/.018" TC (34.0)	FPFA (.074)	DB/95% TC (5.4)	PVC (.276)	.043	75	16.8	-20 to +75	300
Bundled Coax RGB Plenum	1278P	4	6.48	Belden	1/.018" TC (34.0)	FPFA (.074)	DB/95% TC (5.4)	PVC (.304)	.053	75	16.8	-20 to +75	300
Bundled Coax RGB Plenum	1279P	5	6.48	Belden	1/.018" TC (34.0)	FPFA (.074)	DB/95% TC (5.4)	PVC (.335)	.068	75	16.8	-20 to +75	300
Bundled Coax RGB Plenum	1280P	6	6.48	Belden	1/.018" TC (34.0)	FPFA (.074)	DB/95% TC (5.4)	PVC (.369)	.079	75	16.8	-20 to +75	300
Bundled Coax RGB BananaPeel®	1281S3	3	6.49	Belden	1/.018" TC (34.0)	GIFHDPE (.074)	DB/95% TC (5.4)	PVC (.246)	.031	75	17.0	-40 to +75	300
Bundled Coax RGB BananaPeel	1281S4	4	6.49	Belden	1/.018" TC (34.0)	GIFHDPE (.074)	DB/95% TC (5.4)	PVC (.275)	.044	75	17.0	-40 to +75	300
Bundled Coax RGB BananaPeel	1281S5	5	6.49	Belden	1/.018" TC (34.0)	GIFHDPE (.074)	DB/95% TC (5.4)	PVC (.308)	.055	75	17.0	-40 to +75	300
Bundled Coax RGB BananaPeel	1281S6	6	6.49	Belden	1/.018" TC (34.0)	GIFHDPE (.074)	DB/95% TC (5.4)	PVC (.342)	.068	75	17.0	-40 to +75	300
Bundled Coax RGB BananaPeel Plenum	1282S3	3	6.49	Belden	1/.018" TC (34.0)	FPFA (.075)	DB/95% TC (5.4)	FLM (.246)	.034	75	16.8	-20 to +75	300
Bundled Coax RGB BananaPeel Plenum	1282S4	4	6.49	Belden	1/.018" TC (34.0)	FPFA (.075)	DB/95% TC (5.4)	FLM (.275)	.049	75	16.8	-20 to +75	300
Bundled Coax RGB BananaPeel Plenum	1282S5	5	6.49	Belden	1/.018" TC (34.0)	FPFA (.075)	DB/95% TC (5.4)	FLM (.308)	.067	75	16.8	-20 to +75	300
Bundled Coax RGB BananaPeel Plenum	1282S6	6	6.49	Belden	1/.018" TC (34.0)	FPFA (.075)	DB/95% TC (5.4)	FLM (.342)	.080	75	16.8	-20 to +75	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 S-Video Coax

Cable Designation	Part No.	No. of Coax	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) UL	Max. Oper. Voltage (RMS) Non UL
Bundled Coax (continued)													
RG-6 Type Bundled SDI Coax	7710A	3	6.46	Belden	1/.040" BC (6.4)	GIFPE (.180)	DF/95% TC (3.0)	PVC-M (.770)	.234	75	16.2	-40 to +75	300
RG-6 Type Bundled SDI Coax	7711A	4	6.46	Belden	1/.040" BC (6.4)	GIFPE (.180)	DF/95% TC (3.0)	PVC-M (.900)	.303	75	16.2	-40 to +75	300
RG-6 Type Bundled SDI Coax	7712A	5	6.46	Belden	1/.040" BC (6.4)	GIFPE (.180)	DF/95% TC (3.0)	PVC-M (.970)	.371	75	16.2	-40 to +75	300
RG-6 Type Bundled SDI Coax	7713A	10	6.46	Belden	1/.040" BC (6.4)	GIFPE (.180)	DF/95% TC (3.0)	PVC-M (1.386)	.772	75	16.2	-40 to +75	300
RG-59/U Type Bundled (Miniature)	7787A	3	6.45	Belden	1/.023" BC (20.1)	GIFHDPE (.102)	DF/95% TC (7.6)	PVC (.432)	.081	75	16.5	-35 to +75	300
RG-59/U Type Bundled (Miniature)	7788A	4	6.45	Belden	1/.023" BC (20.1)	GIFHDPE (.102)	DF/95% TC (7.6)	PVC (.481)	.106	75	16.5	-35 to +75	300
RG-59/U Type Bundled (Miniature)	7789A	5	6.45	Belden	1/.023" BC (20.1)	GIFHDPE (.102)	DF/95% TC (7.6)	PVC (.539)	.133	75	16.5	-35 to +75	300
RG-59/U Type Bundled (Miniature)	7790A	6	6.45	Belden	1/.023" BC (20.1)	GIFHDPE (.102)	DF/95% TC (7.6)	PVC (.597)	.163	75	16.5	-35 to +75	300
RG-59/U Type Bundled (Miniature)	7791A	12	6.45	Belden	1/.023" BC (20.1)	GIFHDPE (.102)	DF/95% TC (7.6)	PVC (.796)	.280	75	16.5	-35 to +75	300
RG-59/U Type Bundled (Miniature)	7792A	12	6.45	Belden	1/.023" BC (20.1)	GIFHDPE (.102)	DF/95% TC (7.6)	PVC (.825)	.336	75	16.5	-35 to +75	300
RG-59/U Type Bundled	7794A	3	6.45	Belden	1/.032" BC (10.0)	GIFHDPE (.145)	DF/95% TC (3.8)	PVC (.631)	.084	75	16.3	-35 to +75	300
RG-59/U Type Bundled	7795A	4	6.45	Belden	1/.032" BC (10.0)	GIFHDPE (.145)	DF/95% TC (3.8)	PVC (.706)	.190	75	16.3	-35 to +75	300
RG-59/U Type Bundled	7796A	5	6.45	Belden	1/.032" BC (10.0)	GIFHDPE (.145)	DF/95% TC (3.8)	PVC (.790)	.238	75	16.3	-35 to +75	300
RG-59/U Type Bundled	7798A	10	6.45	Belden	1/.032" BC (10.0)	GIFHDPE (.145)	DF/95% TC (3.8)	PVC (1.166)	.501	75	16.3	-35 to +75	300
RG-59/U Type Bundled RGB Coax BananaPeel Plenum	1283S3	3	6.46	Belden	1/.032" TC (10.0)	FFEP (.133)	DF/95% TC (3.8)	PVC (.422)	.103	75	16.2	-20 to +75	300
RG-59/U Type Bundled RGB Coax BananaPeel Plenum	1283S5	5	6.46	Belden	1/.032" TC (10.0)	FFEP (.133)	DF/95% TC (3.8)	PVC (.529)	.174	75	16.2	-20 to +75	300
RG-59/U Type Bundled RGB Coax BananaPeel Plenum	1283S6	6	6.46	Belden	1/.032" TC (10.0)	FFEP (.133)	DF/95% TC (3.8)	PVC (.588)	.209	75	16.2	-20 to +75	300
S-Video Coax													
Parallel Coax S-Video Plenum	7700A	2	6.50	Belden	7/.012" TC (100.0)	FFEP (.053)	None/98% TC (7.5)	FLM (.107 x .214)	.017	75	17.3	-20 to +60	300
Parallel Coax S-Video High-Flex	1807A	2	6.50	Belden	7/.012" TC (100.0)	FHDPE (.056)	None/90% TC (7.5)	PVC (.110 x .230)	.013	75	17.3	-40 to +75	300
Round S-Video High-Flex Design	1808A	2	6.50	Belden	7/.012" TC (100.0)	FHDPE (.056)	None/90% TC (7.5)	PVC (.255)	.031	75	17.3	-40 to +75	300

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

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
 SPCCS = Silver-plated Copper-covered Steel
 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

BB = Bonded Beldfoil®
 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
 FPEP = Foam FEP
 FHDPE = Foam High-Density Polyethylene
 FPE = Foam Polyethylene
 FRSFPE = Flame-retardant Semi-foam Polyethylene
 GIFHDPE = Gas-injected Foam High-Density 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 = Flamarrist®
 H = Hypalon®
 HDPE = High-density Polyethylene
 LSZH = Low-Smoke, Zero-Halogen
 PE = Polyethylene
 PVC = Polyvinyl Chloride
 PVC-M = Matte finish Polyvinyl Chloride
 PVC-NC = Non-contaminating Polyvinyl Chloride
 TFE-T = Tetrafluoroethylene Tape Wrap

Hypalon is a DuPont trademark.

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**.



For more information, contact Belden Technical Support: 1-800-BELDEN-1 • www.belden.com