

**6.3: RG Coaxial and Triaxial Reference Guide**

DS-3 and DS-4 Interconnect and Cross-Connect 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
<b>DS-3 and DS-4 Interconnect and Cross-connect Cable</b>												
728A Type	<b>9231</b>	6.58	Belden	1/.031" BC 9.9	PE (.198)	Inner None/98% SPC (187.0) Outer None/95% BC (1.1)	PVC-NC (3.05)	.071	75	21.0	-40 to +60	1900
734A Type DS3-4	<b>734A1</b>	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	<b>734A12</b>	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	<b>734A1P</b>	6.56	Belden	1/.032" BC (10.0)	FFEP (.148)	BF/85% TC (2.4)	FLM (2.15)	.032	75	17.3	0 to +75	300
734A Type DS3-4 Bundled 6-Coax	<b>734A6</b>	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	<b>734D1</b>	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	<b>734D12</b>	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	<b>734D1P</b>	6.57	Belden	1/.032" SPC (10.0)	FFEP (.148)	BF/85% TC (2.4)	FLM (2.15)	.032	75	17.3	0 to +75	300
734D Type DS3-4 1-Coax with Tracer	<b>734D1T</b>	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	<b>734D2</b>	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	<b>734D2T</b>	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	<b>734D6</b>	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	<b>735A1</b>	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	<b>735A12</b>	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	<b>735A16</b>	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	<b>735A1P</b>	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	<b>735A1T</b>	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	<b>73502T</b>	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	<b>735A2</b>	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	<b>735A24</b>	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	<b>735A3</b>	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	<b>735A6</b>	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	<b>735A8</b>	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	<b>735A9</b>	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

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

**6.3: RG Coaxial and Triaxial Reference Guide**

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
<b>Low Loss 50 Ohm Wireless RF Transmission Cables</b>												
RF300	<b>7809A</b>	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	<b>7809R</b>	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	<b>7809WB</b>	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	<b>7805</b>	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	<b>7805R</b>	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
RG-58/U Type RF195	<b>7806A</b>	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	<b>7806R</b>	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	<b>7807A</b>	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	<b>7807R</b>	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	<b>7808A</b>	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	<b>7808R</b>	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	<b>7808WB</b>	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	<b>7809A</b>	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	<b>7809R</b>	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	<b>7809WB</b>	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	<b>7810A</b>	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	<b>7810R</b>	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	<b>7810WB</b>	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	<b>7976A</b>	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	<b>7976R</b>	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	<b>7976WB</b>	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	<b>7977A</b>	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	<b>7977R</b>	6.65	Belden	1/.176" BCCA (.5)	FHDPE (.455)	DBII/85% TC (1.8)	PVC (.590)	.163	50	24.6	-40 to +80	300
RF5600 Aerial	<b>7977WB</b>	6.65	Belden	1/.176" BCCA (.5)	FHDPE (.455)	DBII/85% TC (1.8)	PE (.590)	.163	50	24.6	-40 to +80	300

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

### 6.3: RG Coaxial and Triaxial Reference Guide

#### 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. ( $\Omega$ )	Nom. Cap. (pF/Ft.)	Suggested Operating Temp. Range ( $^{\circ}$ C) UL	Max. Oper. Voltage (RMS) Non UL
<b>Microwave Conformable Coax</b>												
RG-401/U Type Conformable	<b>1675A</b>	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	<b>1673A</b>	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	<b>1673B</b>	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	<b>1673J</b>	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	<b>1671A</b>	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	<b>1671B</b>	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	<b>1671J</b>	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	<b>1674A</b>	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	<b>1674B</b>	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	<b>1672A</b>	6.74	Belden	1/.011" SCCC (205.0)	TFE (.062)	CT (10.0)	None (.087)	.012	75	19.5	-70 to +200	1,500
75 Ohm Conformable	<b>1672B</b>	6.74	Belden	1/.011" SPC (11.0)	TFE (.062)	CT (10.0)	None (.087)	.012	75	19.5	-70 to +200	1,500
75 Ohm Conformable	<b>1672J</b>	6.74	Belden	1/.011" SCCC (205.0)	TFE (.062)	CT (10.0)	PVC (.127)	.016	75	19.5	-40 to +105	1,500

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

### 6.3: 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) UL	Max. Oper. Voltage (RMS) Non UL
<b>RG-6 Type</b>												
RG-6/U Type Plenum	1152A	6.25	Belden, IBM P/N 1501919	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 (2.75)	.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

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RG-6/U Type	<b>1829A</b>	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	<b>1829AC</b>	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	<b>1829B</b>	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	<b>1829BC</b>	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	<b>1829P</b>	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	<b>1829R</b>	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	<b>1837A</b>	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
RG-6/U Type Static Ground	<b>1839A</b>	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	<b>1839AC</b>	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	<b>1840A</b>	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	<b>1840AC</b>	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	<b>1841A</b>	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	<b>1841AC</b>	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	<b>1843A</b>	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	<b>3131A</b>	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	<b>3132A</b>	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	<b>5339G5</b>	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	<b>7915A</b>	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	<b>7916A</b>	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	<b>8215</b>	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	<b>8238</b>	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	<b>8261</b>	6.39	MIL-C-17D	7/.048" C (6.1)	PE (.285)	None/97% BC (1.2)	PVC (.405)	.104	75	20.5	-40 to +60	3,700
RG-6/U Type	<b>9058</b>	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	<b>9058M</b>	6.23	Belden	1/.040" BCCS (28.0)	GIFPE (.180)	DB+/77% AL (5.6)	PVC (2.75 x .416)	.043	75	16.2	-40 to +80	350
RG-6/U Type Burial	<b>9062</b>	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	<b>9066</b>	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	<b>9077</b>	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	<b>9116</b>	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	<b>9116P</b>	6.19	Belden	1/.040" BCCS	FFEP	DBII/60% AL	FLM	.025	75	16.3	-20 to +75	300

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Plenum				(28.0)	(.170)	(9.0)	(.235)					
RG-6/U Type Riser	<b>9116R</b>	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	<b>9116SB</b>	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	<b>9117M</b>	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	<b>9118</b>	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	<b>9119M</b>	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	<b>9248</b>	6.38	Belden	1/.040" BC (7.5)	GIFHDPE (.180)	DF/65% TC (5.6)	PVC (.270)	.030	75	16.2	-40 to +80	300
RG-6/U Type	<b>9290</b>	6.38	Belden	1/.037" BC (7.5)	FPE (.180)	None/95% BC (2.0)	PVC (.288)	.054	75	17.3	-40 to +80	300
RG-6/U Type	<b>82120</b>	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
Plenum				(28.0)	(.170)	(1.7)	(.234)					
RG-6/U Type	<b>82248</b>	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
Plenum				(28.0)	(.170)	(1.7)	(.234)					
RG-6/U Type	<b>87120</b>	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
Plenum				(28.0)	(.170)	(1.7)	(.234)					
RG-6/U Type	<b>89120</b>	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
Plenum				(28.0)	(.170)	(1.7)	(.234)					
RG-6/U Type	<b>89248</b>	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
Plenum				(6.4)	(.170)	(5.1)	(.222)					

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

### 6.3: RG Coaxial and Triaxial Reference Guide

#### RG-8 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)	Max. Oper. Voltage (RMS) Non UL
<b>RG-8 Type</b>												
RG-8/U Type	<b>7733A</b>	6.70	Belden	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	<b>7808A</b>	6.61	Belden	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	<b>7808R</b>	6.61	Belden	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	<b>7808WB</b>	6.61	Belden	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	<b>7810A</b>	6.63	Belden	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	<b>7810R</b>	6.63	Belden	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	<b>7810WB</b>	6.63	Belden	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	<b>8214</b>	6.69	Belden	7/.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	<b>8237</b>	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	<b>9251</b>	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	<b>9258</b>	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	<b>9880</b>	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	<b>9888</b>	6.90	Belden	7/.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	<b>9913</b>	6.70	Belden	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	<b>9913F7</b>	6.70	Belden	7/.108" BC	GIFHDPE (.285)	DB/95% TC (1.8)	BELFX (.405)	.094	52	22.5	-40 to +80	300
RG-8/U Type	<b>9914</b>	6.70	Belden	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	<b>89880</b>	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	<b>89913</b>	6.70	Belden	1/.108" BC (0.9)	SSFEP (.295)	DBII/90% TC (1.8)	PVDF (.364)	.115	50	25.0	-20 to +150	300

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

### 6.3: RG Coaxial and Triaxial Reference Guide

#### RG-11 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
<b>RG-11 Type</b>												
RG-11/U Type Plenum	<b>1153A</b>	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	<b>1523A</b>	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	<b>1523AN</b>	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	<b>1523AP</b>	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
RG-11/U Type Riser	<b>1523R</b>	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	<b>1524AM</b>	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	<b>1525A</b>	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	<b>1617A</b>	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	<b>1618A</b>	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	<b>1619AM</b>	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	<b>1620AM</b>	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	<b>1858A</b>	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	<b>1859A</b>	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	<b>3094A</b>	6.84	Belden	1/.064" BCCS (11.0)	GIFPE (.280)	DBIV/67% AL 46 AL	PVC (.407)	.059	75	16.2	-40 to +80	300



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RG-11/U Type	<b>3095A</b>	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	<b>7731A</b>	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	<b>7732A</b>	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	<b>7803A</b>	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	<b>7983A</b>	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	<b>7984A</b>	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	<b>8213</b>	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	<b>8233</b>	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	<b>8233A</b>	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
RG-11/U Type	<b>9011</b>	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	<b>9064</b>	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	<b>9065M</b>	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	<b>9192</b>	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	<b>9212</b>	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	<b>9232</b>	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

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RG-11/U Type	<b>9292</b>	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	<b>9764</b>	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	<b>89292</b>	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

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

**6.3: RG Coaxial and Triaxial Reference Guide**

**RG-58 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
<b>RG-58 Type</b>												
RG-58/U Type RF195	<b>7806A</b>	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 RF 195 Riser	<b>7806R</b>	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	<b>7807A</b>	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	<b>7807R</b>	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	<b>8219</b>	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	<b>8240</b>	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	<b>8259</b>	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	<b>8262</b>	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	<b>9201</b>	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	<b>9203</b>	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	<b>9222</b>	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	<b>9223</b>	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	<b>9310</b>	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	<b>9311</b>	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	<b>9907</b>	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
RG-58A/U Type Plenum	<b>82240</b>	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	<b>82907</b>	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-58/U Type Plenum	<b>88240</b>	6.68	Belden	1/.032" BC (10.2)	FEP (.107)	None/95% TC (6.7)	FEP (.159)	.021	53.5	20.4	-70 to +200	300
RG-58A/U Type Thin Ethernet Plenum	<b>89907</b>	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

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

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**6.3: 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. ( $\Omega$ )	Nom. Cap. (pF/Ft.)	Suggested Operating Temp. Range ( $^{\circ}$ C) UL	Max. Oper. Voltage (RMS) Non UL
<b>RG-59/U Type</b>												
RG-59/U Type Plenum	<b>1151A</b>	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	<b>1186A</b>	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	<b>1426A</b>	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	<b>1505A</b>	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	<b>1505F</b>	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	<b>1506A</b>	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	<b>1856A</b>	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	<b>1856B</b>	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	<b>1857A</b>	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	<b>8212</b>	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	<b>8221</b>	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

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RG-59/U Type Triaxial	<b>8232</b>	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	<b>8232A</b>	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	<b>8241</b>	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
RG-59/U Type	<b>8241A</b>	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	<b>8241B</b>	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	<b>8241F</b>	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	<b>8263</b>	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	<b>8279</b>	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	<b>8281</b>	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	<b>8281B</b>	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	<b>8281F</b>	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	<b>9100</b>	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	<b>9104</b>	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	<b>9104N</b>	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	<b>9104P</b>	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	<b>9105M</b>	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	<b>9110</b>	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	<b>9141</b>	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	<b>9167</b>	6.29	Belden	1/.032" SPCCS	GIFPE	DB+/95% AL	PVC	.028	75	16.2	-40 to +80	300

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				(25.8)	(.144)	(4.5)	(.242)						
RG-59/QPL M17/29-RG59	<b>9204</b>	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	<b>9209</b>	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	<b>9209A</b>	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	<b>9224</b>	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	<b>9231</b>	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	<b>9240</b>	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	<b>9244</b>	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	<b>9259</b>	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	<b>9267</b>	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	
RG-59/U Type	<b>9274</b>	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	<b>9275</b>	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	<b>9555</b>	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	<b>9659</b>	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	<b>82108</b>	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	<b>82241</b>	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	
RG-59/U Type Plenum	<b>82259</b>	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	<b>88241</b>	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	<b>88232</b>	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	<b>88281</b>	6.43	Belden	1/.032" BC (9.9)	FEP (.185)	None/98% TC None/96% TC	PVDF (.271)	.082	75	19.0	-20 to +150	1,900	

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Plenum						(1.1)							
RG-59/U Type Plenum	<b>89108</b>	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	<b>89259</b>	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	<b>89555</b>	6.84	Belden	1/.023" BCCS (50.0)	FFEP (.134)	None/97% BC (2.6)	FEP (.212 x .424)	.085	75	19.5	-70 to +200	1,700	

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

**6.3: RG Coaxial and Triaxial Reference Guide**

RG-62 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)	Max. Oper. Voltage (RMS) Non UL
<b>RG-62 Type</b>												
RG-62 Type	<b>8254</b>	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	<b>8255</b>	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	<b>9228</b>	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	<b>9268</b>	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
RG-62A/U Type	<b>9269</b>	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	<b>9862</b>	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	<b>82262</b>	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	<b>82269</b>	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	<b>86262</b>	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	<b>87269</b>	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	<b>89269</b>	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

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



### 6.3: RG Coaxial and Triaxial Reference Guide

#### 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
<b>Other Misc. RG Types</b>												
RG-63/ QPL M17/31-RG 63	<b>9857</b>	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	<b>9169</b>	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
RG-122/U QPL M17/157-00001	<b>9252</b>	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	<b>83242</b>	6.77	MIL-C-17G	1/.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-RG-142	<b>84142</b>	6.77	MIL-C-17G	1/.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	<b>7805</b>	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	<b>7805R</b>	6.59	Belden	1/.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	<b>8216</b>	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	<b>9239</b>	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	<b>83265</b>	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	<b>83264</b>	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	<b>83266</b>	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	<b>83267</b>	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	<b>83269</b>	6.67	MIL-C-17D	7/.020" SCCC (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	<b>9861</b>	6.78	MIL-C-17G	1/.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

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RG-213/U QPL M17/163-00001	<b>8267</b>	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	<b>8268</b>	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	<b>9850</b>	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	<b>9273</b>	6.77	MIL-C-17G	1/.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	<b>84303</b>	6.77	MIL-C-17G	1/.037" SCCCS (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	<b>83284</b>	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	<b>84316</b>	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

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

**6.3: RG Coaxial and Triaxial Reference Guide**  
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. ( $\Omega$ )	Nom. Cap. (pF/Ft.)	Suggested Operating Temp. Range ( $^{\circ}$ C)	Max. Oper. Voltage (RMS) Non UL
<b>Miniature Coax</b>												
Miniature Coax	<b>8218</b>	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	<b>8700</b>	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	<b>9221</b>	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	<b>1855A</b>	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	<b>1865A</b>	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).

### 6.3: 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
<b>Bundled Coax</b>													
Bundled Coax Sub-Miniature RGB	<b>1520A</b>	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	<b>1521A</b>	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	<b>1522A</b>	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	<b>1406B</b>	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	<b>1407B</b>	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	<b>1417B</b>	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	<b>1164B</b>	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	<b>1167B</b>	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	<b>1418B</b>	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	<b>1277R</b>	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	<b>1278R</b>	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	<b>1279R</b>	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	<b>1280R</b>	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	<b>1277P</b>	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	<b>1278P</b>	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	<b>1279P</b>	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	<b>1280P</b>	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

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Bundled Coax RGB BananaPeel©	<b>1281S3</b>	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©	<b>1281S4</b>	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©	<b>1281S5</b>	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©	<b>1281S6</b>	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	<b>1282S3</b>	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	<b>1282S4</b>	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	<b>1282S5</b>	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	<b>1282S6</b>	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
RG-6 Type Bundled SDI Coax	<b>7710A</b>	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	<b>7711A</b>	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	<b>7712A</b>	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	<b>7713A</b>	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)	<b>7787A</b>	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)	<b>7788A</b>	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)	<b>7789A</b>	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)	<b>7790A</b>	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)	<b>7791A</b>	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)	<b>7792A</b>	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	<b>7794A</b>	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	<b>7795A</b>	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	<b>7796A</b>	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	<b>7798A</b>	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	<b>1283S3</b>	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

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RG-59/U Type Bundled RGB Coax BananaPeel Plenum	<b>1283S5</b>	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	<b>1283S6</b>	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

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

### 6.3: RG Coaxial and Triaxial Reference Guide

#### 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. ( $\Omega$ )	Nom. Cap. (pF/Ft.)	Suggested Operating Temp. Range ( $^{\circ}$ C)	Max. Oper. Voltage (RMS) Non UL
<b>S-Video Coax</b>													
Parallel Coax S-Video Plenum	<b>7700A</b>	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	<b>1807A</b>	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	<b>1808A</b>	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).

### 6.3: RG Coaxial and Triaxial Reference Guide

#### Abbreviations

##### 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 = Tinner 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  
FFEP = 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 = Flam arrest®  
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