RG Coaxial and Triaxial Reference Guide

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

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

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

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

RG Coaxial and Triaxial Reference Guide

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

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

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

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

RG Coaxial and Triaxial Reference Guide

Microwave Conformable® Coax
and RG-6 Type

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

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

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

RG Coaxial and Triaxial Reference Guide

RG-6 Type

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

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

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

RG Coaxial and Triaxial Reference Guide

RG-6 and RG-8 Types

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

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

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

RG Coaxial and Triaxial Reference Guide

RG/11U Type

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

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

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

RG Coaxial and Triaxial Reference Guide

RG/11U and RG-58 Types

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

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

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

RG Coaxial and Triaxial Reference Guide

RG-58 and RG-59/U Types

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

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

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

RG Coaxial and Triaxial Reference Guide

RG-59/U Type

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

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

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

RG Coaxial and Triaxial Reference Guide

RG-59/U and RG-62 Types

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

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

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

RG Coaxial and Triaxial Reference Guide

RG-62 and Other Misc. RG Types

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

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

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

RG Coaxial and Triaxial Reference Guide

Misc. RG Types, Miniature and Bundled Coax

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

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

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

RG Coaxial and Triaxial Reference Guide

Bundled and SVHS Coax

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

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

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

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

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

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

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

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

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**.