

Section V

The cables that appear in this guide are listed in order by RG/U number.

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Coaxial Cables

RG Coaxial and Triaxial Reference Guide

Cable Designation	Trade No.	Page No.	Spec. Ref.	Strands/ Cond. Dia. Cond. Type (DCR/MFT)	Diel. (O.D. In.)	Shield Type Tape/Braid (DCR/MFT)	Jacket (O.D. In.)	Nom. Wt. (Lbs./ ft.)	Nom. Zo (ohms)	Nom. Cap. (pF/ft.)	Sugg. Oper. Temp. (°C) Range Non UL	Max. Oper. Voltage (RMS) Non UL
RG-6/U Type Plenum	1152A	130	Belden, IBM P/N1501919	1/.040 CCS (21.7)	FFEP (.170)	DF/60% TC DF/42% TC (1.8)	FEP (.273)	.045	75.0	16.5	-70°, +200°	300
RG-6/U Type	1189A	130	Belden	1/.040 CCS (31.0)	GIFPE (.180)	DBIV, 60% AL 40% AL (7.2)	PVC (.298)	.028	75.0	16.2	-40°, +80°	300
RG-6/U Type	1530A	129	Belden	1/.040 CCS (31.0)	GIFPE (.180)	DBII/90% AL (7.9)	PVC (.270)	.032	75.0	16.2	-40°, +80°	300
RG-6/U Type Digital Video	1694A	139	Belden	1/.040 BC (6.4)	GIFPE (.180)	DF/95% TC (2.8)	PVC (.275)	.039	75.0	16.2	-40°, +80°	300
RG-6/U Type Plenum	1695A	139	Belden	1/.040 BC (6.4)	FFEP (.170)	DF/95% TC (2.8)	FLM (.234)	.033	75.0	16.2	-20°, +75°	300
RG-6A/U Type	8215	135	Belden	1/.028 CCS (32.0)	PE (.185)	None/96% BC None/95% BC (1.1)	PE (.332)	.069	75.0	20.5	-55°, +80°	2,700
RG-6/U Type	9058	129	Belden	1/.040 CCS (31.0)	GIFPE (.180)	DB+/80% AL (7.0)	PVC (.275)	.029	75.0	16.2	-40°, +80°	300
RG-6/U Type	9060	130	Belden	1/.040 CCS (31.0)	GIFPE (.180)	DB+/95% AL (6.1)	PVC (.275)	.029	75.0	16.2	-40°, +80°	300
RG-6/U Type Burial	9062	130	Belden	1/.040 CCS (31.0)	GIFPE (.180)	DB+/80% AL (7.0)	PE (.275)	.023	75.0	16.2	-55°, +80°	300
RG-6/U Type Burial	9066	129	Belden	1/.040 CCS (31.0)	GIFPE (.180)	DBII/60% AL (12.9)	PE (.270)	.021	75.0	16.2	-55°, +80°	300
RG-6/U Type	9114	125	Belden	1/.040 CCS (31.0)	GIFPE (.180)	DBII/40% AL (24.7)	PVC (.270)	.028	75.0	16.2	-40°, +80°	300
RG-6/U Type	9116	128	Belden	1/.040 CCS (31.0)	GIFPE (.180)	DBII/60% AL (12.9)	PVC (.270)	.029	75.0	16.2	-40°, +80°	300
RG-6/U Type Messengered	9117	129	Belden	1/.040 CCS (31.0)	GIFPE (.180)	DBII/60% AL (12.9)	PVC (.273 x .416)	.042	75.0	16.2	-40°, +80°	300
RG-6/U Type	9118	129	Belden	1/.040 CCS (31.0)	GIFPE (.180)	DBII/60% AL (11.9)	PVC (.275)	.026	75.0	16.2	-40°, +80°	300
RG-6/U Type	9248	135	Belden	1/.040 BC (6.4)	GIFPE (.180)	DF/61% TC (5.0)	PVC (.270)	.031	75.0	16.2	-40°, +80°	300
RG-6/U Type	9290	135	Belden	1/.037 BC (7.5)	FPE (.180)	None/95% BC None/95% BC (2.0)	PVC (.288)	.054	75.0	17.3	-40°, +80°	300
RG-6/U Type Plenum	82120	130	Belden	1/.040 CCS (21.7)	FFEP (.170)	DF/95% TC (1.7)	FLM (.232)	.040	75.0	16.5	-20°, +75°	300
RG-6/U Type Plenum	82248	135	Belden	1/.040 BC (7.5)	FFEP (.170)	DF/63% TC (5.1)	FLM (.226)	.030	75.0	16.5	-20°, +75°	300
RG-6/U Type Plenum	87120	130	Belden	1/.040 CCS (21.7)	FFEP (.170)	DF/95% TC (1.7)	FCP (.232)	.041	75.0	16.5	-20°, +150°	300
RG-6/U Type Plenum	89120	130	Belden	1/.040 CCS (21.7)	FFEP (.170)	DF/95% TC (1.7)	FEP (.232)	.043	75.0	16.5	-70°, +200°	300
RG-6/U Type Plenum	89248	135	Belden	1/.040 BC (7.5)	FFEP (.170)	DF/63% TC (5.1)	FEP (.222)	.032	75.0	16.5	-70°, +200°	300
RG-8/U Type	7733A	148	Belden	1/.108 BC (0.9)	FFEP (.280)	DF/90% TC (1.9)	FCP (.355)	.100	50.0	24.2	-20°, +150°	300
RG-8/U Type	8214	147	Belden	7/.036 BC (1.2)	FPE (.285)	None/97% BC (1.1)	PVC (.403)	.101	50.0	26.0	-40°, +80°	300
RG-8/U Type	8237	147	JAN-C-17A	7/.0285 BC (1.9)	PE (.285)	None/97% BC (1.1)	PVC (.405)	.101	52.0	29.5	-40°, +80°	3,700
RG-8A/U Type	9251	147	MIL-C-17D	7/.0285 BC (1.9)	PE (.285)	None/97% BC (1.2)	PVC-NC (.405)	.099	52.0	29.5	-40°, +80°	3,700
RG-8/X Type	9258	147	Belden	19/.0125 BC (4.3)	FPE (.155)	None/95% BC (3.3)	PVC (.242)	.037	50.0	25.3	-40°, +80°	300
RG-8/U Type Thick Ethernet [▲]	9880	164	Belden, DEC PN17-00451-00	1/.0855 BC (1.42)	FPE (.247)	DBIV/94% TC, 90% TC	PVC (.405)	.116	50.0	26.0	-40°, +60°	300
RG-8/U Type Triaxial	9888	161	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	50.0	26.0	-55°, +80°	300
RG-8/U Type	9913	147	Belden	1/.108 BC (0.9)	SSPE (.286)	DBII/90% TC (1.8)	PVC (.405)	.104	50.0	24.6	-40°, +80°	300
RG-8/U Type	9913F	147	Belden	19/.022 BC (1.0)	GIFPE (.284)	DBII/90% TC (1.1)	BELFX (.405)	.104	50.0	24.6	-40°, +80°	300
RG-8/U Type	9914	148	Belden	1/.103 BC (1.2)	GIFPE (.285)	DBII/95% TC (1.1)	PVC (.403)	.104	50.0	24.8	-40°, +80°	300
RG-8/U Type Thick Ethernet Plenum	89880	164	Belden, DEC PN17-00324-00	1/.0855 BC (1.42)	FPE (.247)	DBIV/90% TC, 90% TC	FCP (.375)	.126	50.0	26.0	-25°, +150°	300
RG-8/U Type Plenum	89913	148	Belden	1/.108 BC (0.9)	SSFEP (.295)	DBII/90% TC (1.8)	FCP (.364)	.114	50.0	24.0	-20°, +150°	300
RG-9/U Type	8242	149	JAN-C-17A	7/.0285 SC (1.9)	PE (.280)	None/97% SC None/96% BC (.7)	PVC-NC (.420)	.124	51.0	30.0	-40°, +80°	3,700

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1-800-BELDEN-1.

RG Coaxial and Triaxial Reference Guide

Cable Designation	Trade No.	Page No.	Spec. Ref.	Strands/ Cond. Dia. Cond. Type (DCR/MFT)	Diel. (O.D. In.)	Shield Type Tape/Braid (DCR/MFT)	Jacket (O.D. In.)	Nom. Wt. (Lbs./ ft.)	Nom. Zo (ohms)	Nom. Cap. (pF/ft.)	Sugg. Oper. Temp. (°C) Range Non UL	Max. Oper. Voltage (RMS) Non UL
RG-11/U Type Plenum	1153A	131	Belden, IBM P/N1501908	1/.064 CCS (8.7)	FFEP (.280)	DF/60% TC DF/40% TC (1.5)	FEP (.387)	.092	75.0	16.5	-70°, +200°	300
RG-11/U Type	1523A	131	Belden	1/.064 CCS (11.0)	GIFPE (.285)	DBII/60% AL (4.1)	PVC (.400)	.054	75.0	16.2	-40°, +80°	300
RG-11/U Type Triaxial High Flex Version	1858A	141	Belden	19/.064 BC (3.0)	FPE (.312)	Inner None/95% BC (1.2) Outer None/95% BC (1.4)	Inner PE (.391) Outer BELFX (.520)	.147	75.0	17.3	-40°, +80°	300
RG-11/U Type Triaxial Plenum	1859A	141	Belden	19/.064 BC (3.0)	FFEP (.285)	Inner None/95% (1.4) Outer None/87% (1.4)	Inner FCP (.350) Outer FCP (.410)	.128	75.0	16.5	-20°, +150°	300
RG-11/U Type	7731A	139	Belden	1/.064 BC (2.5)	GIFPE (.285)	DF/95% TC (1.5)	PVC (.405)	.081	75.0	16.0	-40°, +80°	300
RG-11/U Type	8213	136	Belden	1/.064 BC (2.6)	FPE (.285)	None/97% BC (1.1)	PE (.405)	.079	75.0	17.3	-55°, +80°	300
RG-11/U Type Triaxial	8233	141	Belden	1/.064 BC (2.5)	FPE (.285)	Inner None/95% BC (1.4) Outer None/80% BC (1.4)	Inner PE (.365) Outer PE (.475)	.113	75.0	17.3	-55°, +80°	300
RG-11/U Type Triaxial	8233A	141	Belden	1/.064 BC (2.5)	FPE (.285)	Inner None/95% BC (1.4) Outer None/80% BC (1.4)	Inner PVC (.365) Outer PVC (.475)	.113	75.0	17.3	-40°, +80°	300
RG-11/U Type	8238	136	JAN-C-17A	7/.0159 TC (6.1)	FRSFPE (.285)	None/97% BC (1.2)	PVC (.405)	.099	75.0	20.5	-40°, +80°	300
RG-11A/U Type	8261	136	MIL-C-17D	7/.0159 TC (6.1)	PE (.285)	None/97% BC (1.2)	PVC-NC (.405)	.090	75.0	20.5	-40°, +80°	3,700
RG-11/U Type	9011	125	Belden	1/.064 CCS (11.0)	GIFPE (.280)	DF/40% AL (5.3)	PVC (.400)	.060	75.0	16.2	-40°, +80°	300
RG-11/U Type	9064	131	Belden	1/.064 CCS (11.0)	GIFPE (.280)	DB+/77% AL (3.8)	PVC (.400)	.062	75.0	16.2	-40°, +80°	300
RG-11/U Type Triaxial	9192	141	Belden	19/.0142 BC (3.0)	FPE (.312)	Inner None/90% BC (1.6) Outer None/82% BC (1.7)	Inner PE (.390) Outer PVC (.520)	.134	75.0	17.3	-40°, +80°	300
RG-11/U QPL M17/6-RG11	9212	154	MIL-C-17G	7/.0159 TC (6.1)	PE (.285)	None/97% BC (1.2)	PVC-NC (.405)	.090	75.0	20.5	-40°, +85°	3,700
RG-11/U Type Triaxial	9232	141	Belden	19/.0142 BC (3.0)	FPE (.312)	Inner None/90% BC (1.6) Outer None/82% BC (1.7)	Inner PE (.390) Outer H (.520)	.140	75.0	17.3	-20°, +80°	300
RG-11/U Type	9292	135	Belden	1/.064 BC (2.6)	FPE (.285)	DF/61% TC (2.8)	PVC (.405)	.077	75.0	17.3	-40°, +80°	300
RG-11/U Type Burial	9764	131	Belden	1/.064 CCS (11.0)	GIFPE (.280)	DB+/77% AL (3.8)	PE (.400)	.056	75.0	16.2	-55°, +80°	300
RG-11/U Type Plenum	89292	135	Belden	1/.064 BC (2.5)	FFEP (.274)	DF/63% TC (2.9)	FEP (.348)	.073	75.0	16.5	-70°, +200°	300
RG-58A/U Type	8219	146	Belden	19/.008 TC (8.8)	FPE (.114)	None/96% TC (4.1)	PVC (.195)	.025	53.5	26.5	-40°, +80°	300
RG-58/U	8240	146	JAN-C-17A	1/.033 BC (10.0)	PE (.116)	None/95% TC (4.1)	PVC (.193)	.025	51.5	29.9	-40°, +80°	1,400
RG-58A/U Type	8259	146	JAN-C-17A	19/.0072 TC (10.8)	PE (.116)	None/95% TC (4.1)	PVC (.193)	.024	50.0	30.8	-40°, +75°	1,400
RG-58C/U QPL M17/155/U QPL	8262	152	MIL-C-17G	19/.0072 TC (10.8)	PE (.116)	None/95% TC (4.1)	PVC-NC (.195)	.026	50.0	30.8	-40°, +85°	1,400
RG-58/U Type	9201	146	Belden	1/.033 BC (10.0)	PE (.116)	None/78% BC (5.5)	PVC (.193)	.022	52.0	29.7	-40°, +80°	1,400
RG-58/U QPL M17/28-RG058	9203	152	MIL-C-17G	19/.0072 TC (10.8)	PE (.116)	None/95% TC (4.1)	PVC-NC (.195)	.025	50.0	30.8	-40°, +85°	1,400
RG-58A/U Type Triaxial	9222	161	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	50.0	30.8	-40°, +75°	1,400
RG-58A/U Type	9310	146	Belden	1/.033 BC (10.0)	PE (.114)	DBII/55% TC (14.0)	PVC (.193)	.020	50.0	31.0	-40°, +80°	1,400
RG-58A/U Type	9311	146	Belden	19/.0079 TC (8.8)	FPE (.114)	DBII/55% TC (17.0)	PVC (.193)	.018	52.0	26.0	-40°, +80°	300
RG-58/U Type Thin Ethernet*	9907	156	DEC P/N 17-01248-00	19/.0079 TC (8.8)	FPE (.102)	DBII/93% TC (5.8)	PVC (.185)	.022	50.0	25.4	-40°, +75°	300
RG-58/U Type Plenum	82240	146	Belden	1/.032 BC (10.2)	FEP (.107)	None/95% TC (6.7)	FLM (.159)	.025	53.5	27.5	-20°, +75°	1,400
RG-58/U Type Thin Ethernet* Plenum	82907	156	Belden	19/.008 TC (9.5)	FFEP (.095)	DBII/94% TC (5.8)	FLM (.160)	.022	50.0	25.4	-20°, +75°	300

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Cable Designation	Trade No.	Page No.	Spec. Ref.	Strands/ Cond. Dia. Cond. Type (DCR/MFT)	Dielectric (O.D. In.)	Shield Type Tape/Braid (DCR/MFT)	Jacket (O.D. In.)	Nom. Wt. (Lbs./ft.)	Nom. Zo (ohms)	Nom. Cap. (pF/ft.)	Sugg. Oper. Temp. (°C) Range Non UL	Max. Oper. Voltage (RMS) Non UL
RG-58/U Type Plenum	88240	146	Belden	1/.032 BC (10.2)	FEP (.107)	None/95%TC (6.7)	FEP (.159)	.027	53.5	27.5	-70°, +200°	1,400
RG-58/U Type Thin Ethernet Plenum	89907	156	DEC P/N 17-01246-00	19/.008 TC (9.5)	FFEP (.095)	DBII/94% TC (5.8)	FCP (.160)	.022	50.0	25.4	-20°, +150°	300
RG-59/U Type Plenum	1151A	128	Belden, IBM P/N 1501917	1/.032 CCS (26.0)	FFEP (.140)	DF/52% TC DF/34% TC (2.3)	FEP (.236)	.034	75.0	16.5	-70°, +200°	300
RG-59/U Type	1186A	128	Belden	1/.032 CCS (44.5)	GIFPE (.144)	DBIV, 65% AL 45% AL (7.0)	PVC (.265)	.025	75.0	16.2	-40°, +80°	300
RG-59/U Type	1426A	134	Belden	1/.032 BC (10)	GIFPE (.145)	None/95% BC (2.6)	PVC (.242)	.033	75.0	17.3	-40°, +80°	300
RG-59/U Type Precision Video	1505A	138	Belden	1/.032 BC (10)	GIFPE (.145)	DF/95% TC (3.5)	PVC (.235)	.031	75.0	16.2	-40°, +80°	300
RG-59/U Type Plenum	1506A	138	Belden	1/.032 BC (9.9)	FFEP (.135)	DF/95% TC (3.2)	FLM (.199)	.030	75.0	16.1	-20°, +75°	300
RG-59/U Type DS-3	1809A	145	734A	1/.032 BC (10.0)	FPE (.148)	BF/85% TC (2.4)	PVC (.235)	.031	75.0	17.2	-40°, +80°	300
RG-59/U Type Triaxial	1856A	140	Belden	1/.032 BC (10.6)	FPE (.145)	Inner None/95% BC (2.5) Outer None/95% BC (1.6)	Inner PE (.216) Outer BELFX (.360)	.076	75.0	16.2	-40°, +80°	300
RG-59/U Type Triaxial High Flex Version	1857A	140	Belden	19/.031 BC (14.0)	FPE (.143)	Inner None/95% BC (2.5) Outer None/95% BC (1.6)	Inner PE (.216) Outer BELFX (.360)	.076	75.0	17.0	-40°, +80°	300
RG-59/U Type	8212	134	Belden	1/.032 CCS (44.5)	FPE (.143)	None/95% BC (2.6)	PE (.242)	.030	75.0	17.3	-55°, +80°	300
RG-59/U Type	8221	133	Belden	1/.0253 CCS (55)	FPE (.146)	None/95% BC (2.6)	PVC (.242)	.032	80.0	16.3	-40°, +75°	300
RG-59/U Type Triaxial	8232	140	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	75.0	17.3	-55°, +80°	300
RG-59/U Type Triaxial	8232A	140	Belden	1/.032 BC (10.0)	FPE (.145)	Inner None/95% BC (2.5) Outer None/80% BC (2.8)	Inner PVC (.226) Outer PVC (.315)	.065	75.0	17.3	-40°, +80°	300
RG-59/U Type	8241	132	Belden	1/.023 CCS (47)	PE (.146)	None/95% BC (2.6)	PVC (.242)	.036	75.0	20.5	-40°, +80°	1,700
RG-59/U Type	8241A	132	Belden	1/.023 CCS (47)	FRSFPE (.146)	None/95% BC (2.6)	PVC (.242)	.039	75.0	20.5	-40°, +80°	300
RG-59/U Type	8241B	132	Belden	1/.0228 BC (20)	PE (.146)	None/95% BC (2.9)	PVC (.242)	.034	75.0	20.5	-40°, +80°	1,700
RG-59/U Type	8241F	132	Belden	7/.010 BC (15)	FPE (.146)	None/95% BC (2.6)	PVC-M (.242)	.032	75.0	17.3	-30°, +60°	300
RG-59B/U Type	8263	133	MIL-C-17D	1/.023 CC (47)	PE (.146)	None/95% BC (2.6)	PVC-NC (.242)	.035	75.0	20.5	-40°, +80°	1,700
RG-59/U Type Precision	8279	137	Belden	7/.008 BC (19.1)	PE (.146)	None/95% TC (4.5)	PE (.220)	.026	75.0	20.5	-55°, +80°	2,300
RG-59/U Type Precision Video	8281	138	Belden	1/.031 BC (9.9)	PE (.198)	None/98% TC None/96% TC (1.1)	PE (.305)	.068	75.0	20.5	-55°, +80°	2,900
RG-59/U Type Precision Video	8281B	138	Belden	1/.031 BC (9.9)	FRSFPE (.198)	None/97% TC None/95% TC (1.1)	PVC (.305)	.076	75.0	20.5	-40°, +80°	300
RG-59/U Type Precision Video	8281F	138	Belden	7/.012 BC (11.8)	PE (.193)	None/97% TC None/95% TC (1.7)	PVC-M (.305)	.060	75.0	20.5	0°, +60°	2,900
RG-59/U Type	9052	128	Belden	1/.032 CCS (44.5)	GIFPE (.144)	DB+/77% AL (8.3)	PVC (.242)	.024	75.0	16.2	-40°, +80°	300
RG-59/U Type	9054	128	Belden	1/.032 CCS (44.5)	GIFPE (.144)	DB+/95% AL (7.6)	PVC (.242)	.026	75.0	16.2	-40°, +80°	300
RG-59/U Type	9100	125	Belden	1/.032 CCS (44.5)	GIFPE (.144)	DBII/40% AL (17.0)	PVC (.237)	.022	75.0	16.2	-40°, +80°	300
RG-59/U Type	9104	127	Belden	1/.032 CCS (44.5)	GIFPE (.144)	DBII/67% AL (12.0)	PVC (.237)	.022	75.0	16.2	-40°, +80°	300
RG-59/U Type	9108	127	Belden	1/.032 CCS (44.5)	GIFPE (.144)	DBII/95% AL (7.6)	PVC (.237)	.024	75.0	16.2	-40°, +80°	300
RG-59/U Type	9110	127	Belden	1/.032 CCS (44.5)	GIFPE (.144)	DBIII/67% AL (11.0)	PVC (.242)	.022	75.0	16.2	-40°, +80°	300
RG-59/U Type Precision Video	9141	138	Belden	1/.031 BC (9.9)	PE (.200)	None/97% TC None/95% TC (1.1)	PE (.305)	.068	75.0	20.0	-55°, +80°	2,900
RG-59/U QPL M17/29-RG59	9204	154	MIL-C-17G	1/.023 CCS (47)	PE (.146)	None/95% BC (2.6)	PVC-NC (.241)	.034	75.0	20.5	-40°, +85°	1,700
RG-59/U Type Precision Video	9209	137	Belden	1/.022 BC (20.4)	PE (.146)	DF/95% TC (4.5)	PE (.220)	.027	75.0	20.5	-55°, +80°	2,300
RG-59/U Type Precision Video	9209A	137	Belden	1/.022 BC (20.4)	FRSFPE (.146)	DF/95% TC (4.5)	PVC (.220)	.031	75.0	20.5	-40°, +80°	300

RG Coaxial and Triaxial Reference Guide

Cable Designation	Trade No.	Page No.	Spec. Ref.	Strands/ Cond. Dia. Cond. Type (DCR/MFT)	Diel. (O.D. In.)	Shield Type Tape/Braid (DCR/MFT)	Jacket (O.D. In.)	Nom. Wt. (Lbs./ft.)	Nom. Zo (ohms)	Nom. Cap. (pF/ft.)	Sugg. Oper. Temp. (°C) Range Non-UL	Max. Oper. Voltage (RMS) Non-UL
RG-59/U Type Precision Video	9231	138 145	W/E 728B	1/.031 BC (9.9)	PE (.198)	None/97% TC None/95% TC (1.1)	PVC-NC (.305)	.071	75.0	20.5	-40°, +80°	2,900
RG-59/U Type	9240	134	Belden	1/.032 CCS (61.5)	FPE (.143)	None/80% BC (5.6)	PVC (.241)	.028	75.0	17.3	-40°, +75°	300
RG-59/U Type	9244	133	Belden	1/.0253 CCS (55)	PE (.146)	None/85% BC (4.5)	PVC (.242)	.030	73.0	21.0	-40°, +80°	1,700
RG-59/U Type	9259	133	Belden	7/.010 BC (15)	FPE (.146)	None/95% BC (2.6)	PVC (.242)	.033	75.0	17.3	-40°, +80°	300
RG-59/U Type Triaxial	9267	141	Belden	1/.033 BC (10.1)	FPE (.146)	Inner None/95% BC (2.5) Outer None/80% BC (2.6)	Inner PE (.216) Outer H (.360)	.079	75.0	17.3	-20°, +80°	300
RG-59/U Type	9274	134	Belden	1/.032 CCS (44.5)	FPE (.143)	None/95% BC (2.6)	PVC (.240)	.030	75.0	17.3	-40°, +80°	300
RG-59/U Type	9275	125	Belden	1/.032 CCS (44.5)	GIFPE (.144)	DF/40% AL (17.0)	PVC (.237)	.022	75.0	16.2	-40°, +80°	300
RG-59/U Type Dual	9555	156	Belden	1/.023 CCS (47)	FRSFPE (.146)	None/95% BC (2.6)	PVC (.238 x .478)	.075	75.0	20.5	-40°, +80°	300
RG-59/U Type	9659	133	Belden	7/.010 BC (15)	FPE (.146)	None/95% BC (2.6)	PVC-NC (.242)	.033	75.0	17.3	-40°, +80°	300
RG-59/U Type Plenum	82108	127	Belden	1/.032 CCS (26.0)	FFEP (.140)	DF/96% TC (2.6)	FLM (.212)	.032	75.0	16.5	-20°, +75°	300
RG-59/U Type Plenum	82241	133	Belden	1/.023 CCS (52.0)	FEP (.134)	None/97% BC (2.6)	FLM (.193)	.035	75.0	19.5	-20°, +75°	1,700
RB-59/U Type Plenum	82259	134	Belden	7/.010 BC (15.0)	FFEP (.135)	None/95% BC (2.6)	FLM (.193)	.030	75.0	17.3	-20°, +75°	300
RG-59/U Type Plenum	88241	133	Belden	1/.023 CCS (52.0)	FEP (.134)	None/97% BC (2.6)	FEP (.193)	.037	75.0	19.5	-70°, +200°	1,700
RG-59/U Type Plenum Triax	88232	140	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	75.0	16.7	-70°, +200°	300
RG-59/U Type Precision Video Plenum	88281	139	Belden	1/.032 BC (9.9)	FEP (.185)	None/98% TC None/96% TC (1.1)	FCP (.271)	.082	75.0	19.5	-20°, +150°	2,900
RG-59/U Type Plenum	89108	127	Belden	1/.032 CCS (26.0)	FFEP (.140)	DF/96% TC (2.6)	FEP (.212)	.034	75.0	16.5	-70°, +200°	300
RG-59/U Type Plenum	89259	134	Belden	7/.010 BC (15.0)	FFEP (.135)	None/95% BC (2.6)	FEP (.193)	.033	75.0	17.3	-70°, +200°	300
RG-59/U Type Dual Plenum	89555	156	Belden	1/.023 CCS (52.0)	FEP (.134)	None/95% BC (2.6)	FEP (.212 x .424)	.086	75.0	19.5	-70°, +200°	1,700
RG-62/U Type	8254	157	JAN-C-17A	1/.0253 CCS (55)	SSPE (.146)	None/95% BC (2.9)	PVC (.238)	.033	93.0	13.5	-40°, +75°	750
RG-62B/U Type	8255	157	MIL-C-17D	7/.008 CCS (53.4)	SSPE (.146)	None/95% BC (2.9)	PVC-NC (.242)	.032	93.0	13.5	-40°, +80°	750
RG-62A/U Type	9228	158	Belden	1/.0253 CCS (41.2)	SSPE (.146)	None/95% BC (2.9)	HDPE (.242)	.033	93.0	13.5	-55°, +80°	750
RG-62A/U Type	9268	157	Belden, IBM P/N 5252750	1/.0253 CCS (41.2)	SSPE (.146)	None/95% BC (2.9)	PVC (.260)	.037	93.0	13.5	-40°, +80°	750
RG62A/U Type	9269	157	Belden, IBM P/N 323921	1/.0253 CCS (41.2)	SSPE (.146)	None/95% BC (2.9)	PVC (.240)	.034	93.0	13.5	-40°, +80°	750
RG-62/U QPL M17/30-RG62	9862	155	MIL-C-17G	1/.0263 CCS (41.2)	SSPE (.146)	None/95% BC (2.9)	PVC-NC (.242)	.033	93.0	13.5	-40°, +80°	750
RG-62/U Type Plenum	82262	158	Belden	1/.025 CCS (41.2)	FFEP (.146)	None/94% BC (3.4)	FLM (.204)	.030	93.0	12.8	-20°, +75°	300
RG-62/U Type Plenum	82269	157	Belden	1/.025 CCS (41.2)	SSFEP (.142)	None/94% BC (3.4)	FLM (.200)	.030	93.0	12.8	-20°, +75°	300
RG-62/U Type Plenum	86262	158	Belden, IBM P/N4885584II	1/.025 CCS (41.2)	FFEP (.146)	None/94% BC (3.4)	FEP (.200)	.032	93.0	12.8	-70°, +200°	300
RG-62/U Type Plenum	87269	157	Belden	1/.025 CCS (41.2)	SSFEP (.142)	None/94% BC (3.4)	FCP (.200)	.031	93.0	12.8	-20°, +150°	300
RG-62/U Type Plenum	89269	157	Belden, IBM P/N4885584I	1/.025 CCS (41.2)	SSFEP (.142)	None/94% BC (3.4)	FEP (.200)	.033	93.0	12.8	-70°, +200°	300
RG-63/ U QPL M17/31-RG63	9857	155	MIL-C-17G	1/.0253 CCS (41.2)	SSPE (.285)	None/97% BC (1.2)	PVC-NC (.405)	.078	125.0	9.7	-40°, +80°	750
RG-71/U QPL M17/90-RG71	9169	155	MIL-C-17G	1/.0253 CCS (41.2)	SSPE (.146)	None/94% BC None/93% TC (1.5)	PE (.245)	.041	93.0	13.5	-55°, +85°	750
RG-122/U QPL M17/157-00001	9252	152	MIL-C-17G	27/.005 TC (17.1)	PE (.096)	None/95% TC (5.2)	PVC-NC (.160)	.017	50.0	30.8	-40°, +85°	1,400
RG-141A/U Type	83241	149	MIL-C-17D	1/.037 SCCS (16.3)	TFE (.116)	None/96% SC (4.3)	FG (.187)	.033	50.0	29.0	-70°, +200°	1,400
RG-142B/U QPL M17/158-00001	83242	153	MIL-C-17G	1/.037 SCCS (16.3)	TFE (.116)	None/96% SC None/95% SC (2.3)	FEP (.195)	.043	50.0	29.0	-70°, +200°	1,400
RG-142/U QPL M17/60-RG142	84142	153	MIL-C-17G	1/.037 SCCS (16.3)	TFE (.116)	None/96% SC None/95% SC (2.3)	FEP (.195)	.043	50.0	29.2	-70°, +200°	1,400
RG-174/U Type	8216	149	MIL-C-17F	7/.0063 CCS (97)	PE (.060)	None/90% TC (10.3)	PVC (.110)	.007	50.0	30.8	-40°, +75°	1,100
RG-178B/U QPL M17/169-00001	83265	153	MIL-C-17G	7/.004 SCCS (.259)	TFE (.033)	None/95% SC (14.6)	FEP (.071)	.005	50.0	29.0	-70°, +200°	750
RG-179/U QPL M17/94-RG179	83264	153	MIL-C-17G	7/.004 SCCS (258)	TFE (.063)	None/95% SC (8.5)	FEP (.100)	.010	75.0	19.5	-70°, +200°	900

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RG-180/U QPL M17/95-RG 180	83266	153	MIL-C-17G	7/.004 SCCS (258)	TFE (.102)	None/95% SC (6.5)	FEP (.141)	.018	95.0	15.4	-70°, +200°	1,100
RG-187A/U Type	83267	156	MIL-C-17D	7/.004 SCCS (258)	TFE (.063)	None/95% SC (8.5)	TFE-T (.111)	.010	75.0	19.5	-70°, +200°	900
RG-188A/U Type	83269	149	MIL-C-17D	7/.0067 SCCS (84.1)	TFE (.058)	None/96% SC (1.2)	TFE-T (.108)	.011	50.0	29.0	-70°, +200°	900
RG-212/U QPL M17/162-00001	9861	152	MIL-C-17G	1/.0556 SC (3.3)	PE (.185)	None/95% SC None/95% SC (1.1)	PVC-NC (.332)	.081	50.0	30.8	-40°, +85°	2,200
RG-213/U QPL M17/163-00001	8267	152	MIL-C-17G	7/.0296 BC (1.7)	PE (.285)	None/97% BC (2.9)	PVC-NC (.405)	.102	50.0	30.8	-40°, +85°	3,700
RG-214/U QPL M17/164-00001	8268	152	MIL-C-17G	7/.0296 SC (1.7)	PE (.285)	None/95% SC None/97% SC (1.2)	PVC-NC (.425)	.128	50.0	30.8	-40°, +85°	3,700
RG-216/U QPL M17/77-RG216	9850	154	MIL-C-17G	7/.0159 TC (6.1)	PE (.185)	None/95% BC None/93% BC (0.8)	PVC-NC (.425)	.122	75.0	20.5	-40°, +85°	3,700
RG-223/U QPL M17/167-00001	9273	152	MIL-C-17G	1/.034 SC (8.8)	PE (.116)	None/95% SC None/95% SC (2.5)	PVC-NC (.212)	.036	50.0	30.8	-40°, +85°	1,700
RG-303/U QPL M17/111-RG303	84303	153	MIL-C-17G	1/.037 SCCS (16.5)	TFE (.116)	None/95% SC (4.3)	FEP (.170)	.030	50.0	29.2	-70°, +200°	1,400
RG-316/U QPL M17/172-00001	83284	153	MIL-C-17G	7/.0067 SCCS (84.1)	TFE (.060)	None/96.5% SC (6.5)	FEP (.098)	.010	50.0	29.0	-70°, +200°	900
RG-316/U QPL M17/113-RG316	84316	154	MIL-C-17G	7/.0067 SCCS (84.1)	TFE (.060)	None/95% SC (6.5)	FEP (.098)	.010	50.0	29.2	-70°, +200°	900
RG-402/U Type Conformable [®]	1673A	150	Belden	1/.0365 SCCS (20.5)	TFE (.116)	Copper-Tin Composite (4.5)	None (.138)	.025	50.0	29.2	-70°, +200°	1,900
RG-402/U Type Conformable Jacketed	1673J	150	Belden	1/.0365 SCCS (20.5)	TFE (.116)	Copper - Tin Composite	PVC (.178)	.031	50.0	29.5	-70°, +200°	1,900
RG-405/U Type Conformable	1671A	150	Belden	1/.0201 SCCS (64.2)	TFE (.064)	Copper-Tin Composite (10.2)	None (.087)	.012	50.0	29.2	-70°, +200°	1,500
RG-405/U Type Conformable [®] Jacketed	1671J	150	Belden	1/.0201 SCCS (64.2)	TFE (.064)	Copper - Tin Composite	PVC (.127)	.016	50.0	29.5	-70°, +200°	1,500
M17-151 Type Conformable	1674A	150	Belden	1/.0113 SCCS (205.0)	TFE (.034)	Copper - Tin Composite	None (.047)	.003	50.0	29.5	-70°, +200°	1,000
75 Ohm Conformable	1672A	151	Belden	1/.0113 SCCS (205.0)	TFE (.064)	Copper-Tin Composite (10.2)	None (.087)	.012	75.0	19.5	-70°, +200°	500
75 Ohm Conformable Jacketed	1672J	151	Belden	1/.0113 SCCS (205.0)	TFE (.064)	Copper - Tin Composite	PVC (.127)	.016	75.0	19.5	-70°, +200°	500
Miniature Coax	8218	132	Belden	7/.0056 CCS (120)	PE (.100)	None/93% TC (6.5)	PVC (.150)	.014	75.0	20.5	-40°, +75°	1700
Miniature Coax	8700	264	Belden	1/.013 TC (68.5)	PP (.023)	None/90% BC (30.0)	PVC (.054)	.003	32.0	48.0	-30°, +105°	30
Miniature Coax	9221	132	Belden	7/.004 TC (100)	FPE (.058)	None/89% TC (11.7)	PVC (.097)	.006	75.0	17.3	-40°, +75°	30
Sub-Miniature RG-59/U Type	1855A	137	Belden	1/.023 BC (20.1)	GIFPE (.102)	DF/95% TC (7.6)	PVC (.159)	.018	75.0	16.5	-40°, +80°	300
Sub-Miniature RG-59/U Type	1865A	137	Belden	19/.021 BC (27.4)	GIFPE (.094)	DF/95% TC (5.4)	PVC (.150)	.014	75.0	16.5	-40°, +80°	300
Bundled Coax RGB 3-Coaxial	1824A	144	Belden	7/.030 BC (15.3)	FFEP (.135)	DF/95% TC (2.5)	FLM (.475)	.099	75.0	17.3	-20°, +60°	300
Bundled Coax RGB 4-Coaxial	1825A	144	Belden	7/.030 BC (15.3)	FFEP (.135)	DF/95% TC (2.5)	FLM (.527)	.132	75.0	17.3	-20°, +60°	300
Bundled Coax RGB 5-Coaxial	1826A	144	Belden	7/.030 BC (15.3)	FFEP (.135)	DF/95% TC (2.5)	FLM (.585)	.165	75.0	17.3	-20°, +60°	300
Parallel Coax SVHS 2-Coaxial High Flex Design	7700A	145	Belden	7/.012 TC (91.5)	FFEP (.053)	None/98% TC (7.4)	FLM (.107 x .214)	.017	75.0	17.3	-20°, +60°	300
Bundled Coax RGB 3-Coaxial RG-6 Type	7710A	143	Belden	1/.040 BC (6.4)	GIFPE (.180)	DF/95% TC (2.8)	PVC-M (.770)	.234	75.0	16.2	-40°, +80°	300
Bundled Coax RGB 4-Coaxial RG-6 Type	7711A	143	Belden	1/.040 BC (6.4)	GIFPE (.180)	DF/95% TC (2.8)	PVC-M (.843)	.303	75.0	16.2	-40°, +80°	300
Bundled Coax RGB 5-Coaxial RG-6 Type	7712A	143	Belden	1/.040 BC (6.4)	GIFPE (.180)	DF/95% TC (2.8)	PVC-M (.942)	.371	75.0	16.2	-40°, +80°	300
Bundled Coax RGB 10-Coaxial RG-6 Type	7713A	143	Belden	1/.040 BC (6.4)	GIFPE (.180)	DF/95% TC (2.8)	PVC-M (1.386)	.772	75.0	16.2	-40°, +80°	300
Bundled Coax RGB 3-Coaxial	1520A	142	Belden	7/.012 TC (103.2)	FPE (.056)	DF/90% TC (9.5)	PVC (.283)	.042	75.0	17.3	-40°, +80°	300
Bundled Coax RGB 4-Coaxial	1521A	142	Belden	7/.012 TC (103.2)	FPE (.056)	DF/90% TC (9.5)	PVC (.310)	.050	75.0	17.3	-40°, +80°	300
Bundled Coax RGB 5-Coaxial	1522A	142	Belden	7/.012 TC (103.2)	FPE (.056)	DF/90% TC (9.5)	PVC (.338)	.058	75.0	17.3	-40°, +80°	300
Bundled Coax RGB 3-Coaxial	1406B	142	Belden	7/.019 BC (37.3)	FPE (.090)	DF/93% TC (8.6)	PVC (.388)	.064	75.0	17.3	-40°, +80°	300
Bundled Coax RGB 4-Coaxial	1407B	142	Belden	7/.019 BC (37.3)	FPE (.090)	DF/93% TC (8.6)	PVC (.455)	.088	75.0	17.3	-40°, +80°	300
Bundled Coax RGB 5-Coaxial	1417B	142	Belden	7/.019 BC (37.3)	FPE (.090)	DF/93% TC (8.6)	PVC (.477)	.102	75.0	17.3	-40°, +80°	300

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Bundled Coax RGB 3-Coaxial	1164B	143	Belden	7/.019 BC (37.3)	FPE (.090)	DF/93% TC (8.6)	PVC (.388)	.066	75.0	17.3	-40°, +80°	300
Bundled Coax RGB 4-Coaxial	1167B	143	Belden	7/.019 BC (37.3)	FPE (.090)	DF/93% TC (8.6)	PVC (.455)	.090	75.0	17.3	-40°, +80°	300
Bundled Coax RGB 5-Coaxial	1418B	143	Belden	7/.019 BC (37.3)	FPE (.090)	DF/93% TC (8.6)	PVC (.477)	.104	75.0	17.3	-40°, +80°	300
Parallel Coax SVHS 2-Coaxial High Flex Design	1807A	145	Belden	7/.012 TC (85.2)	FPE (.056)	None/93% TC (7.5)	PVC (.110 x .230)	.013	75.0	17.3	-40°, +80°	300
Round SVHS 2-Coaxial High Flex Design	1808A	145	Belden	7/.012 TC (85.2)	FPE (.056)	None/93% TC (7.5)	PVC (.254)	.031	75.0	17.3	-40°, +80°	300

For information on Coaxial Cables not listed in this table, please call Belden's Customer Service Department **1-800-BELDEN-1**. Contact the Belden Wire & Cable Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**.

Notes to Table: Inner conductors are entered as: number of strands/strand diameter.

Conductor Abbreviations

- BC = Bare Copper
- TC = Tin-Coated Copper
- SC = Silver-Coated Copper
- CCS = Copper Clad Steel
- SCCS = Silver-Coated Copper Clad Steel
- SCA = Silver-Coated Alloy

Tape Abbreviations

- DF = 100% coverage Duofoil® tape
- DBII = 100% coverage Duobond® tape
- BF = 100% coverage Beldfoil® tape
- DBIII = 100% coverage Duobond tape
- 100% coverage Duofoil tape over braid
- DB+ = 100% coverage Duobond tape
- 100% coverage Beldfoil tape over braid, bonded to jacket
- DBIV = 100% coverage Duobond tape
- 100% coverage Duofoil tape between braids

Insulation Abbreviations

- PE = Solid Polyethylene
- PP = Solid Polypropylene
- FPE = Foam Polyethylene
- GIFPE = Gas Injected Foam Polyethylene
- FRSFPE = Flame Retardant Semi-Foam Polyethylene
- SSPE = Semi-Solid Polyethylene
- FEP = Fluorinated Ethylene Propylene
- FFEP = Foam FEP
- SSFEP = Semi-Solid FEP
- TFE = Tetrafluoroethylene

Jacket Abbreviations

- PVC = Polyvinyl Chloride
- PVC-NC = Non-Contaminating Polyvinyl Chloride
- PVC-M = Matte-Finish Polyvinyl Chloride
- PE = Polyethylene
- HDPE = High Density Polyethylene
- FEP = Fluorinated Ethylene Propylene
- FLM = Flammarrest®
- FCP = Fluorocopolymer
- TFE-T = TFE Tape Wrap
- FG = Fiberglass
- H = Hypalon®
- BELFX = Belflex®