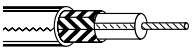
MIL-C-17G QPL Cable

50 Ohm Coax

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

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

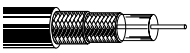
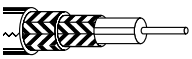
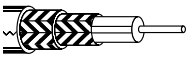
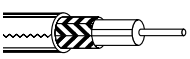
Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**.

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

Teflon is a DuPont trademark.

MIL-C-17G QPL Cable

50 Ohm Coax

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

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

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

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

Teflon is a DuPont trademark.

MIL-C-17G QPL Cable

75 Ohm Coax

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

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

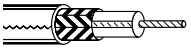
Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**.

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

Teflon is a DuPont trademark.

MIL-C-17G QPL Cable

93 Ohm, 95 Ohm and 125 Ohm Coax

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

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

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

Teflon is a DuPont trademark.

Computer and Instrumentation Cable

50 Ohm Ethernet Coax

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

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

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

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

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

Computer and Instrumentation Cable

75 Ohm Coax

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

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

Teflon is a DuPont trademark.

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

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

Computer and Instrumentation Cable

50 Ohm Triax

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

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

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