

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

20 AWG Stranded (19x33) .035" Tinned Copper Conductor • Tinned Copper Braid Shield (95% Coverage)

Polyethylene Insulation • Black Non-contaminating PVC Jacket

85°C	9203	—	500	152.4	12.5	5.7	20 AWG (19x33) .035" TC 10.8Ω/M' 35.4Ω/km	.116	2.95	TC Braid 95% Shield Coverage 4.1Ω/M' 13.5Ω/km	.195	4.95	50	66%	30.8	101.0	1	.4	1.3
			1000	304.8	25.0	12.3											10	1.4	4.6
																50	3.3	10.8	
																100	4.9	16.1	
																200	7.3	24.0	
																400	11.5	37.7	
																700	17.0	55.8	
																900	20.0	65.6	
																1000	21.5	70.5	

M17/28-RG58

85°C	8262	—	U-500	U-152.4	13.5	6.1	20 AWG (19x33) .035" TC 10.8Ω/M' 35.4Ω/km	.115	2.92	TC Braid 95% Shield Coverage 4.1Ω/M' 13.5Ω/km	.195	4.95	50	66%	30.8	101.0	1	.4	1.3
			500	152.4	12.5	5.7											10	1.4	4.6
			U-1000	U-304.8	26.0	11.8										50	3.3	10.8	
			1000	304.8	25.0	11.3										100	4.9	16.1	
																200	7.3	24.0	
																400	11.5	37.7	
																700	17.0	55.8	
																900	20.0	65.6	
																1000	21.5	70.5	

M17/155-00001 (RG-58C/U). Non-SWR swept version of RG-58.

19 AWG Solid .034" Silver-coated Copper Conductor • Double Silver-coated Copper Braid Shield (95% Coverage)

Polyethylene Insulation • Black Non-contaminating PVC Jacket

UL AWM Style 1354 (30V 60°C)	9273	NEC:	100	30.5	4.7	2.1	19 AWG (solid) .034" SCC 8.8Ω/M' 28.9Ω/km	.117	2.97	(2) SCC Braids 95% Shield Coverage 2.5Ω/M' 8.2Ω/km	.212	5.39	50	66%	30.8	101.0	1	.4	1.3
		CMX	U-500	U-152.4	20.0	9.1											10	1.2	3.9
		CEC:	500	152.4	18.5	8.4										50	2.8	9.2	
		CMX	U-1000	U-304.8	39.0	17.7										100	4.1	13.5	
			1000	304.8	37.0	16.8										200	6.0	19.7	
																400	8.8	28.9	
																700	12.0	39.4	
																900	13.8	45.3	
																1000	14.5	47.6	

M17/167-00001 (RG-223/U). Non-SWR swept version of RG-223.

18 AWG Solid .037" Silver-coated Copper-covered Steel Conductor • Double Silver-coated Copper Braid Shield (96% Coverage)

Plenum • TFE Teflon® Insulation • Tinted Brown FEP Jacket

200°C VW-1	84142	NEC:	100	30.5	5.0	2.3	18 AWG (solid) .037" SCCCS 19.3Ω/M' 63.3Ω/km	.116	2.95	(2) SCC Braids 96% Shield Coverage 2.3Ω/M' 7.5Ω/km	.195	4.95	50	70%	29.0	95.1	10	1.1	3.6
		CMP	500†	152.4	22.5	10.2											50	2.6	8.5
		CEC:	1000†	304.8	46.0	20.9										100	3.8	12.5	
																200	5.4	17.7	
																400	7.9	25.9	
																700	10.7	35.1	
																900	12.3	40.4	
																1000	13.1	43.0	
																2000	19.3	63.3	

M17/60-RG142

200°C VW-1	83242	NEC:	100†	30.5	5.3	2.4	18 AWG (solid) .037" SCCCS 19.3Ω/M' 63.3Ω/km	.116	2.95	(2) SCC Braids 96% Shield Coverage 2.3Ω/M' 7.5Ω/km	.195	4.95	50	70%	29.0	95.1	10	1.1	3.6
		CMP	500†	152.4	22.5	10.2											50	2.6	8.5
		CEC:	1000†	304.8	46.0	20.9										100	3.8	12.5	
																200	5.4	17.7	
																400	7.9	25.9	
																700	10.7	35.1	
																900	12.3	40.4	
																1000	13.1	43.0	
																2000	19.3	63.3	

M17/158-00001 (RG-142B/U). Non-SWR swept version of RG-142.

18 AWG Solid .037" Silver-coated Copper-covered Steel Conductor • Silver-coated Copper Braid Shield (95% Coverage)

Plenum • TFE Teflon Insulation • Tinted Brown FEP Jacket

200°C VW-1	84303	NEC:	500†	152.4	16.5	7.5	18 AWG (solid) .037" SCCCS 16.3Ω/M' 53.5Ω/km	.116	2.95	SCC Braid Shield 95% Shield Coverage 4.3Ω/M' 14.1Ω/km	.170	4.31	50	70%	29.0	95.1	10	1.1	3.6
		CL2P	1000†	304.8	32.0	14.5											50	2.6	8.5
																100	3.8	12.5	
																200	5.4	17.7	
																400	7.9	25.9	
																700	10.7	35.1	
																900	12.3	40.4	
																1000	13.1	43.0	
																2000	19.3	63.3	

M17/111-RG303

DCR = DC Resistance • FEP = Fluorinated Ethylene Propylene • SCC = Silver-coated Copper • SCCS = Silver-coated Copper-covered Steel • TC = Tinned Copper • TFE = Tetra Fluoroethylene

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

† May contain more than one piece, minimum length of any 1 piece is 25 feet.

Teflon is a DuPont trademark.