

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)	.116	2.95	TC Braid	.195	4.95	50	66%	30.8	101.0	1	.4	1.3
			1000	304.8	25.0	12.3	.035"			95% Shield							10	1.4	4.6
							TC			Coverage							50	3.3	10.8
							10.8Ω/M'			4.1Ω/M'							100	4.9	16.1
							35.4Ω/km			13.5Ω/km							200	7.3	24.0



M17/28-RG58

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



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)	.117	2.97	(2) SCC Braids	.212	5.39	50	66%	30.8	101.0	1	.4	1.3
		CMX:	U-500	U-152.4	20.0	9.1	.034"			95% Shield							10	1.2	3.9
		CEC:	500	152.4	18.5	8.4	SCC			Coverage							50	2.8	9.2
		CMX:	U-1000	U-304.8	39.0	17.7	8.8Ω/M'			2.5Ω/M'							100	4.1	13.5
			1000	304.8	37.0	16.8	28.9Ω/km			8.2Ω/km							200	6.0	19.7



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)	.116	2.95	(2) SCC Braids	.195	4.95	50	70%	29.0	95.1	10	1.1	3.6
		CMP:	500†	152.4	22.5	10.2	.037"			96% Shield							50	2.6	8.5
		CEC:	1000†	304.8	46.0	20.9	SCCCS			Coverage							100	3.8	12.5
		CMP FT6					19.3Ω/M'			2.3Ω/M'							200	5.4	17.7
							63.3Ω/km			7.5Ω/km							400	7.9	25.9



M17/60-RG142

200°C VW-1	83242	NEC:	100†	30.5	5.3	2.4	18 AWG (solid)	.116	2.95	(2) SCC Braids	.195	4.95	50	70%	29.0	95.1	10	1.1	3.6
		CMP:	500†	152.4	22.5	10.2	.037"			96% Shield							50	2.6	8.5
		CEC:	1000†	304.8	46.0	20.9	SCCCS			Coverage							100	3.8	12.5
		CMP FT6					19.3Ω/M'			2.3Ω/M'							200	5.4	17.7
							63.3Ω/km			7.5Ω/km							400	7.9	25.9



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)	.116	2.95	SCC Braid Shield	.170	4.31	50	70%	29.0	95.1	10	1.1	3.6
		CL2P	1000†	304.8	32.0	14.5	.037"			95% Shield							50	2.6	8.5
							SCCCS			Coverage							100	3.8	12.5
							16.3Ω/M'			4.3Ω/M'							200	5.4	17.7
							53.5Ω/km			14.1Ω/km							400	7.9	25.9



M17/111-RG303

DCR = DC Resistance • FEP = Fluorinated Ethylene Propylene • SCC = Silver-coated Copper • SCCC = 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.