

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.

30 AWG Stranded (7x38) .012" Silver-plated Copper-covered Steel Conductor • Silver-plated Copper Braid Shield (96% Coverage)

TFE Teflon® Insulation • White FEP Jacket

200°C	83265	—	100†	30.5	.8	.4	30 AWG	.033	.84	SPC Braid	.071	1.80	50	69.5%	29.0	95.1	1	2.6	8.5
VW-1			500†	152.4	4.0	1.6	(7x38)			96% Shield							10	5.6	18.4
			1000†	304.8	6.0	3.2	.012"			Coverage							50	10.5	34.5
							SPCCS			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
																	1000	46.0	150.9

M17/169-00001 (RG-178B/U). Non-SWR swept version of RG-178.

26 AWG Stranded (7x34) .020" Silver-plated Copper-covered Steel Conductor • Silver-plated Copper Braid Shield (95% Coverage)

TFE Teflon Insulation • White FEP Jacket

200°C	83284	—	100†	30.5	1.2	.5	26 AWG	.058	1.47	SPC Braid	.098	2.49	50	69.5%	29.0	95.1	1	1.2	3.9
VW-1			500†	152.4	5.5	2.7	(7x34)			95% Shield							10	2.7	8.9
			1000†	304.8	11.0	5.0	.020"			Coverage							50	5.6	18.4
							SPCCS			6.5Ω/M'							100	8.3	27.2
							84.1Ω/M'			21.3Ω/km							200	12.0	39.4
							275.9Ω/km										400	17.5	57.4
																	700	23.7	77.8
																	900	27.3	89.6
																	1000	29.0	95.1

M17/172-00001 (RG-316/U). Non-SWR swept version of RG-316.

TFE Teflon Insulation • Brown FEP Jacket

200°C	84316	—	100†	30.5	1.2	.5	26 AWG	.058	1.47	SPC Braid	.098	2.49	50	69.5%	29.0	95.1	1	1.2	3.9
VW-1			500†	152.4	5.5	2.5	(7x34)			95% Shield							10	2.7	8.9
			1000†	304.8	11.0	5.0	.020"			Coverage							50	5.6	18.4
							SPCCS			6.5Ω/M'							100	8.3	27.2
							84.1Ω/M'			21.3Ω/km							200	12.0	39.4
							275.9Ω/km										400	17.5	57.4
																	700	23.7	77.8
																	900	27.3	89.6
																	1000	29.0	95.1

M17/113-RG316

22 AWG Stranded (27x36) .030" Tinned Copper Conductor • Tinned Copper Braid Shield (95% Coverage)

Polyethylene Insulation • Black Non-contaminating PVC Jacket

UL AWM	9252	NEC:	1000	304.8	18.0	8.2	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 80°C)		CEC:					.030"			95% Shield							50	4.5	14.8
VW-1		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
																	1000	29.0	95.1

M17/157-00001 (RG-122/U). Non-SWR swept version of RG-122.

DCR = DC Resistance • FEP = Fluorinated Ethylene Propylene • SPC = Silver-plated Copper • SPCCS = Silver-plated 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 one piece is 25 ft.

Teflon is a DuPont trademark.



For more information, contact Belden Technical Support: **1-800-BELDEN-1** • www.belden.com