

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 Conductor • Bare Copper Braid Shield (95% Coverage)																				
Semi-solid Polyethylene Insulation • Black Non-contaminating PVC Jacket																				
UL AWM Style 1354 (30V 60°C)	9862	NEC: CMX CEC: CMX	1000	304.8	37.0	16.8	22 AWG (solid) .025" BCCS 41.2Ω/M' 135.2Ω/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	.3	1.0	
																		10	.9	3.0
																		50	1.9	6.2
																		100	2.7	8.9
																		200	3.8	12.5
																		400	5.3	17.4
																		700	7.3	24.0
																		900	8.2	26.9
																		1000	8.7	28.5
M17/30-RG62																				

93 Ohm • 22 AWG Solid .025" Bare Copper-covered Steel Conductor • BC Outer Braid/TC Inner Braid Shield (95% 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' 135.2Ω/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	.3	1.0	
																		10	.9	3.0
																		50	1.9	6.2
																		100	2.7	8.9
																		200	3.8	12.5
																		400	5.3	17.4
																		700	7.3	24.0
																		900	8.2	26.9
																		1000	8.7	28.5
M17/90-RG71																				

95 Ohm • 30 AWG Stranded (7x38) .012" Silver-plated Copper-covered Steel Conductor • Silver-plated Copper Braid Shield (91% Coverage)

TFE Teflon® Insulation • Tinted Brown FEP Jacket																				
200°C VW-1	83266	—	1000†	304.8	20.0	9.1	30 AWG (7x38) .012" SPCCS 244.0Ω/M' 801.0Ω/km	.102	2.60	SPC Braid 91% Shield Coverage 6.5Ω/M' 21.3Ω/km	.141	3.58	95	69.5%	15.0	49.2	1	2.4	7.9	
																		10	3.3	10.8
																		50	4.6	15.1
																		100	5.7	18.7
																		200	7.6	24.9
																		400	10.7	35.1
																		700	14.9	48.9
																		900	15.9	52.2
																		1000	17.0	55.8
M17/95-RG180																				

125 Ohm • 22 AWG Solid .025" Bare Copper-covered Steel Conductor • Bare Copper Braid Shield (97% Coverage)

Semi-solid Polyethylene Insulation • Black Non-contaminating PVC Jacket																				
60°C	9857	NEC: CMH CEC: CMH FT1	1000	304.8	94.0	42.6	22 AWG (solid) .025" BCCS 41.2Ω/M' 135.2Ω/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	.2	1.0	
																		10	.5	1.6
																		50	1.1	3.6
																		100	1.5	4.9
																		200	2.3	7.5
																		400	3.4	11.2
																		700	4.6	15.1
																		900	5.5	18.0
																		1000	5.8	19.0
M17/31-RG63																				

BC = Bare Copper • BCCS = Bare Copper-covered Steel • 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 1 piece, minimum length of any one piece is 25 feet.

Teflon is a DuPont trademark.