

# 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)**

<b>Semi-solid Polyethylene Insulation • Black Non-contaminating PVC Jacket</b>																			
UL AWM Style 1354 (30V 60°C)	<b>9862</b>	NEC: CMX CEC: CMX	1000	304.8	37.0	16.8	22 AWG (solid) .025" BCCS	.146	3.71	BC Braid 95% Shield Coverage	.242	6.15	93	84%	13.5	44.3	1	.3	1.0
							41.2Ω/M'			9.5Ω/km							10	.9	3.0
							135.2Ω/km										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)**

<b>Semi-solid Polyethylene Insulation • Black Polyethylene Jacket</b>																			
85°C	<b>9169</b>	—	1000	304.8	46.0	20.9	22 AWG (solid) .025" BCCS	.146	3.71	(2) Braids Inner: BC Outer: TC	.245	6.22	93	84%	13.5	44.3	1	.3	1.0
							41.2Ω/M'			95% Shield Coverage							10	.9	3.0
							135.2Ω/km			1.5Ω/M'							50	1.9	6.2
										4.9Ω/km							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)**

<b>TFE Teflon® Insulation • Tinted Brown FEP Jacket</b>																			
200°C VW-1	<b>83266</b>	—	1000†	304.8	20.0	9.1	30 AWG (7x38) .012" SPCCS	.102	2.60	SPC Braid 91% Shield Coverage	.141	3.58	95	69.5%	15.0	49.2	1	2.4	7.9
							244.0Ω/M'			6.5Ω/M'							10	3.3	10.8
							801.0Ω/km			21.3Ω/km							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)**

<b>Semi-solid Polyethylene Insulation • Black Non-contaminating PVC Jacket</b>																			
60°C	<b>9857</b>	NEC: CMH CEC: CMH FT1	1000	304.8	94.0	42.6	22 AWG (solid) .025" BCCS	.285	7.24	BC Braid 97% Shield Coverage	.405	10.29	125	84%	9.7	31.8	1	.2	1.0
							41.2Ω/M'			1.2Ω/M'							10	.5	1.6
							135.2Ω/km			3.9Ω/km							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.



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