

MIL-C-17G QPL Cable

75 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 (94% Coverage)

TFE Teflon® Insulation • Tinted Brown FEP Jacket																					
200°C	83264	—	100†	30.5	1.2	.5	30 AWG	.062	1.58	SPC Braid	.100	2.54	75	69.5%	19.5	64.0	1	3.0	9.8		
VW-1			500†	152.4	5.5	2.5	(7x38)			94% Shield								10	5.3	17.4	
			1000†	304.8	11.0	5.0	.012"				Coverage								50	8.5	27.9
								SPCCS			8.5Ω/M'								100	10.0	32.8
						244.0Ω/M'			27.4Ω/km								200	12.5	41.0		
						801.0Ω/km											400	16.0	52.5		
																	700	19.7	64.6		
																	900	22.3	73.2		
																	1000	24.0	78.7		

M17/94-RG179

23 AWG Solid .023" Bare Copper-covered Steel Conductor • Bare Copper Braid Shield (95% Coverage)

Polyethylene Insulation • Black Non-contaminating PVC Jacket																					
60°C	9204	NEC:	500	152.4	18.0	8.2	23 AWG	.146	3.71	BC Braid	.241	6.12	75	66%	20.5	67.3	1	.6	2.0		
VW-1		CMH	U-1000	U-304.8	38.0	17.3	(solid)			95% Shield								10	1.1	3.6	
		CEC:	1000	304.8	39.0	17.7	.023"			Coverage									50	2.4	7.9
		CMH FT1					BCCS			2.6Ω/M'								100	3.4	11.2	
						47.0Ω/M'			8.5Ω/km								200	4.9	16.1		
						154.2Ω/km											400	7.0	23.0		
																	700	9.7	31.8		
																	900	11.1	36.4		
																	1000	12.0	39.4		

M17/29-RG59

18 AWG Stranded (7x26) .048" Tinned Copper Conductor • Bare Copper Braid Shield (97% Coverage)

Polyethylene Insulation • Black Non-contaminating PVC Jacket																					
60°C	9212	NEC:	1000	304.8	105.0	47.7	18 AWG	.285	7.24	BC Braid	.405	10.29	75	66%	20.5	67.3	1	.2	.7		
VW-1		CMH					(7x26)			97% Shield								10	.7	2.3	
		CEC:					.048"			Coverage									50	1.3	4.3
		CMH FT1					TC			1.2Ω/M'								100	2.0	6.6	
						6.1Ω/M'			3.9Ω/km								200	2.9	9.5		
						20.0Ω/km											400	4.2	13.8		
																	700	5.8	19.0		
																	900	6.9	22.6		
																	1000	7.2	23.6		

M17/6-RG11

18 AWG Stranded (7x26) .048" Tinned Copper Conductor • Double Bare Copper Braid Shield (95% Coverage)

Polyethylene Insulation • Black Non-contaminating PVC Jacket																					
60°C	9850	NEC:	1000	304.8	131.0	59.5	18 AWG	.285	7.24	(2) BC	.425	10.80	75	66%	20.5	67.3	1	.2	.6		
VW-1		CMH					(7x26)			Braids								10	.7	2.2	
		CEC:					.048"			95% Shield									50	1.3	4.3
		CMH FT1					TC			Coverage									100	2.0	6.6
						6.1Ω/M'			.8Ω/M'									200	2.9	9.5	
						20.0Ω/km			2.6Ω/km									400	4.2	13.8	
																		700	5.8	19.0	
																		900	6.8	22.3	
																		1000	7.1	23.3	

M17/77-RG216

BC = Bare Copper • BCCS = Bare Copper-covered Steel • DCR = DC Resistance • 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 1 piece is 25 feet.

Teflon is a DuPont trademark.



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