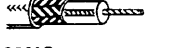
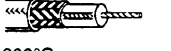
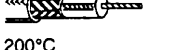


Coaxial

125 2823.

Belden

MIL-C-17G QPL Cables

Description UL AWM Style	Trade No. UL NEC C(UL) CEC Type	Standard Lengths		Std. Unit Lbs. ea.	AWG (stranding) [Dia. in In.] Nom. D.C.R.	Insulation & Nominal Core O.D.		Nominal O.D.		No. of Shields & Material Nom. D.C.R.	Nom. Imp. (ohms)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
		ft.	m			Inch	mm	Inch	mm				pF/ft.	pF/m	MHz	dB/ 100 ft.	dB/ 100 m
50 ohm Coax (cont'd.)																	
 200°C M17/60-RG142	84142 NEC CL2P	100* 500* 1000*	30.5 152.4 304.8	4.3 21.4 42.8	18 (solid) .037 silver coated copper covered steel 16.3Ω/M' 53.5Ω/km	TFE Teflon*		.195	4.95	2 silver coated copper braids 96% shield coverage 2.3Ω/M' 7.5Ω/km	50	69.5%	29.2	95.8	1 10 50 100 200 400 700 900 1000	.34 1.1 2.7 3.9 5.6 8.2 11.0 12.5 13.5	1.1 3.6 8.9 12.8 18.4 26.9 36.1 41.0 44.3
						.116	2.95				Tinted Brown FEP jacket. Passes VW-1 Vertical Wire Flame Test.						
 200°C M17/158-00001 (RG-142B/U)	83242 NEC CL2P	100* 500* 1000*	30.5 152.4 304.8	4.3 21.4 42.8	18 (solid) .037 silver coated copper covered steel 16.3Ω/M' 53.5Ω/km	TFE Teflon		.195	4.95	2 silver coated copper braids 96% shield coverage 2.3Ω/M' 7.5Ω/km	50	69.5%	29.2	95.8	1 10 50 100 200 400 700 900 1000	.34 1.1 2.7 3.9 5.6 8.2 11.0 12.5 13.5	1.1 3.6 8.9 12.8 18.4 26.9 36.1 41.0 44.3
						.116	2.95				Tinted Brown FEP jacket. Passes VW-1 Vertical Wire Flame Test.						
 200°C M17/169-00001 (RG-178B/U)	83265 	100* 500* 1000*	30.5 152.4 304.8	.5 2.7 5.4	30 (7x38) .012 silver coated copper covered steel 244Ω/M' 846Ω/km	TFE Teflon		.071	1.80	Silver coated copper braid 96% shield coverage 14.6Ω/M' 47.9Ω/km	50	69.5%	29.2	95.8	1 10 50 100 200 400 700 900 1000	2.6 5.6 10.5 14.0 19.0 28.0 37.0 42.5 46.0	8.5 18.4 34.4 45.9 62.3 91.9 121.4 139.4 150.9
						.033	.84				White FEP jacket. Passes VW-1 Vertical Wire Flame Test.						
 200°C M17/94-RG179	83264	100* 500* 1000*	30.5 152.4 304.8	1.0 4.9 9.8	30 (7x38) .012 silver coated copper covered steel 244Ω/M' 846Ω/km	TFE Teflon		.100	2.54	Silver coated copper braid 95% shield coverage 8.5Ω/M' 28.2Ω/km	75	69.5%	19.5	64.0	1 10 50 100 200 400 700 900 1000	3.0 5.3 8.5 10.0 12.5 16.0 19.7 22.3 24.0	9.8 17.4 27.9 32.8 41.0 52.5 64.6 73.2 78.7
						.062	1.58				Tinted Brown FEP jacket. Passes VW-1 Vertical Wire Flame Test.						
 200°C M17/95-RG180	83266	100* 500* 1000*	30.4 152.4 304.8	1.8 9.1 18.2	30 (7x38) .012 silver coated copper covered steel 244Ω/M' 846Ω/km	TFE Teflon		.141	3.58	Silver coated copper braid 95% shield coverage 6.5Ω/M' 21.3Ω/km	95	69.5%	15.4	50.5	1 10 50 100 200 400 700 900 1000	2.4 3.3 4.6 5.7 7.6 10.7 14.9 15.9 17.0	7.9 10.8 15.1 18.7 24.9 35.1 48.9 52.2 55.8
						.102	2.60				Tinted Brown FEP jacket. Passes VW-1 Vertical Wire Flame Test.						
 200°C M17/111-RG303	84303	100* 500* 1000*	30.5 152.4 304.8	3.0 15.0 30.0	18 (solid) .037 silver coated copper covered steel 16.5Ω/M' 54.1Ω/km	TFE Teflon		.170	4.31	Silver coated copper braid 95% shield coverage 4.3Ω/M' 14.1Ω/km	50	69.5%	29.2	95.8	1 10 50 100 200 400 700 900 1000	.34 1.1 2.7 3.9 5.6 8.2 11.0 12.5 13.5	1.1 3.6 8.9 12.8 18.4 26.9 36.1 41.0 44.3
						.116	2.95				Tinted Brown FEP jacket. Passes VW-1 Vertical Wire Flame Test.						
 200°C M17/172-00001 (RG-316/U)	83284	100* 500* 1000*	30.5 152.4 304.8	1.0 4.9 9.8	26 (7x.0067) .020 silver coated copper covered steel 84.1Ω/M' 275.9Ω/km	TFE Teflon		.098	2.49	Silver coated copper braid 95% shield coverage 6.5Ω/M' 27.9Ω/km	50	69.5%	29.2	95.8	1 10 50 100 200 400 700 900 1000	1.2 2.7 5.6 8.3 12.0 17.5 23.7 27.3 29.0	3.9 8.9 18.4 27.2 39.4 57.4 77.8 89.6 95.1
						.060	1.52				White FEP jacket. Passes VW-1 Vertical Wire Flame Test.						

Contact the Belden Wire & Cable Customer Service Department for a Comprehensive Connector Cross Reference. 1-800-BELDEN-1.
 • DuPont trademark.
 • Spools may contain more than one piece. Length may vary $\pm 10\%$ from length shown.