

Coaxial

125 2823.



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
200°C	<b>84142</b> NEC CL2P	100*	30.5	4.3	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	.34	1.1
		500*	152.4	21.4		.116	2.95								10	1.1	3.6
		1000*	304.8	42.8										50	2.7	8.9	
														100	3.9	12.8	
														200	5.6	18.4	
														400	8.2	26.9	
														700	11.0	36.1	
														900	12.5	41.0	
														1000	13.5	44.3	
	<b>M17/60-RG142</b>																
200°C	<b>83242</b> NEC CL2P	100*	30.5	4.3	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	.34	1.1
		500*	152.4	21.4		.116	2.95								10	1.1	3.6
		1000*	304.8	42.8										50	2.7	8.9	
														100	3.9	12.8	
														200	5.6	18.4	
														400	8.2	26.9	
														700	11.0	36.1	
														900	12.5	41.0	
														1000	13.5	44.3	
	<b>M17/158-00001</b> <b>(RG-142B/U)</b>																
200°C	<b>83265</b>	100*	30.5	.5	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	2.6	8.5
		500*	152.4	2.7		.033	.84								10	5.6	18.4
		1000*	304.8	5.4										50	10.5	34.4	
														100	14.0	45.9	
														200	19.0	62.3	
														400	28.0	91.9	
														700	37.0	121.4	
														900	42.5	139.4	
														1000	46.0	150.9	
	<b>M17/169-00001</b> <b>(RG-178B/U)</b>																
200°C	<b>83264</b>	100*	30.5	1.0	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	3.0	9.8
		500*	152.4	4.9		.062	1.58								10	5.3	17.4
		1000*	304.8	9.8										50	8.5	27.9	
														100	10.0	32.8	
														200	12.5	41.0	
														400	16.0	52.5	
														700	19.7	64.6	
														900	22.3	73.2	
														1000	24.0	78.7	
	<b>M17/94-RG179</b>																
200°C	<b>83266</b>	100*	30.4	1.8	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	2.4	7.9
		500*	152.4	9.1		.102	2.60								10	3.3	10.8
		1000*	304.8	18.2										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	
	<b>M17/95-RG180</b>																
200°C	<b>84303</b>	100*	30.5	3.0	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	.34	1.1
		500*	152.4	15.0		.116	2.95								10	1.1	3.6
		1000*	304.8	30.0										50	2.7	8.9	
														100	3.9	12.8	
														200	5.6	18.4	
														400	8.2	26.9	
														700	11.0	36.1	
														900	12.5	41.0	
														1000	13.5	44.3	
	<b>M17/111-RG303</b>																
200°C	<b>83284</b>	100*	30.5	1.0	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	1.2	3.9
		500*	152.4	4.9		.060	1.52								10	2.7	8.9
		1000*	304.8	9.8										50	5.6	18.4	
														100	8.3	27.2	
														200	12.0	39.4	
														400	17.5	57.4	
														700	23.7	77.8	
														900	27.3	89.6	
														1000	29.0	95.1	
	<b>M17/172-00001</b> <b>(RG-316/U)</b>																

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 ±10% from length shown.