

Industrial Data Solutions® – Industrial Twinax

Twinaxial Cables



De- scription	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material 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/ 100 m

20 AWG • Stranded (7x28) 1.0 mm One Tinned, One Bare Copper • Duofoil® • 86 % Tinned Copper Braid

Polyethylene Insulation • Polyethylene Inner Jacket • Black PVC Outer Jacket																				
	75°C	9207	NEC:	100	31	7.1	3.2	0.96 mm	0.083	2.11	Overall Duofoil® + Overall 86% TC Braid	0.330	8.38	100	66%	14.5	47.6	1	0.3	1.0
			CMG CL2	U-500	U-152	34.2	15.5	20 AWG										10	1.2	3.9
			CEC:	500	152	34.6	15.7	(7x28) TC + BC										50	2.8	9.2
			CMG FT4	1000	305	68.1	30.9											100	4.1	13.5
				1640	500	111.8	50.7											200	6.4	21.0
				2000	610	136.2	61.8											400	10.2	33.5
				3280	1000	220.2	99.9													
				5000	1524	350.8	159.1													

Color Code: Clear, Clear

IBM P/N 7362211

CPE jacket optional

Polyethylene Insulation • Black FRNC/LSNH Jacket																		
80°C		9207NH	IEC 332	1000	305	44.3	20.1	0.96 mm	0.077	1.96	Overall Duofoil® + Overall 86% TC Braid	0.339	8.60	100	66%	14.5	47.6	see above
			BS 7655	1640	500	69.9	31.7	20 AWG										
				3280	1000	143.7	65.2	(7x28) TC + BC										

Color Code: Clear, Clear

16 AWG • Solid 1.3 mm Bare Copper • Duofoil® • 90 % Tinned Copper Braid

Foam Polyethylene Insulation • Black PVC Jacket																				
	30V 60°C	9860	NEC:	500	152	52.0	23.6	1.29 mm	0.161	4.09	Overall Duofoil® + Overall 90% TC Braid	0.440	11.18	124	78%	10.9	35.8	1	0.2	0.6
	UL AWM Style 2448		CMX	1000	305	103.2	46.8	16 AWG										10	0.7	2.3
			CEC:	2000	610	202.4	91.8	Solid BC										50	1.8	5.9
			CMX															100	2.9	9.5
																		200	4.1	13.5
																		400	6.2	20.3

Color Code: Clear, Blue

CPE jacket optional

Foam Polyethylene Insulation • Black FRNC/LSNH Jacket																		
	80°C	9860NH	IEC 332	1640	500	183.0	83.0	1.29 mm	0.161	4.09	Overall Duofoil® + Overall 90% TC Braid	0.441	11.20	124	78%	10.9	35.8	see above
			BS 7655	3280	1000	354.9	161.0	16 AWG										
								Solid BC										

Color Code: Clear, Blue

Foam Polyethylene Insulation • FRNC/LSNH Chrome Inner Jacket • Steel Wire Armor • Black FRNC/LSNH Outer Jacket																		
	80°C	9860LS	IEC	1640	500	581.8	263.8	1.29 mm	0.161	4.09	Overall Duofoil® + Overall 90% TC Braid	*0.441	*11.20	124	78%	10.9	35.8	see above
			332-3C	3280	1000	1262.6	572.7	16 AWG										
			BS 7655					Solid BC										

* Under Armor

** Over Armor

Color Code: Clear, Blue

TC = Tinned Copper • DCR = DC resistance
Duofoil® see technical information page 23.13.