

Industrial Data Solutions® – Industrial Twinax

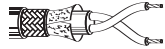
Twinaxial Cables



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															
		CMG FT4	1000	305	68.1	30.9	50														2.8	9.2
			1640	500	111.8	50.7																
			2000	610	136.2	61.8																
			3280	1000	220.2	99.9																
	5000	1524	350.8	159.1																		

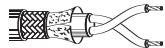


Color Code: Clear, Clear

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 UL AWM Style 2448	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	
		CMX	1000	305	103.2	46.8	16 AWG	10	0.7											2.3
		CEC:	2000	610	202.4	91.8	Solid BC													
		CMX																		



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											



Color Code: Clear, Blue

* Under Armor
** Over Armor

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

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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.

22 AWG • Stranded (19x34) 0.8 mm Tinned Copper • Duofoil® • 22 AWG Tinned Copper Drain Wire**Datalene® Insulation • Black PVC Jacket**

30V 60°C	9182	NEC:	U-500	U-152	22.5	10.2	0.78 mm	0.137	3.49	Overall	0.345	8.76	150	78%	8.8	28.9	1	0.4	1.3
UL AWM Style 2668		CL2X CMX	500	152	22.9	10.4	22 AWG			Duofoil®							10	1.2	3.9
		CEC:	1000	305	44.1	20.0	(19x34) TC			+ Drain Wire							50	2.7	8.9
		CMX								(22 AWG TC)							100	4.3	14.1
																	200	6.2	20.3
																	400	8.8	28.9



VW-1

Color Code: Black, Yellow

Dual version: YR41609
CPE jacket optional.**Datalene® Insulation • Black FRNC/LSNH Jacket**

300V 80°C	9182NH	IEC 332-1	1000	305	50.3	22.8	0.78 mm	0.136	3.45	Overall	0.346	8.80	150	78%	8.8	28.9	1	0.4	1.3
		BS 7655	1640	500	80.0	36.3	22 AWG			Duofoil®							5	0.9	2.8
			3280	1000	150.1	68.1	(19x34) TC			+ Drain Wire							10	1.2	3.9
										(22 AWG TC)							20	1.7	5.6
																	50	2.7	8.9
																	100	4.3	14.1
																	200	6.2	20.3
																	400	8.8	28.9



Color Code: Black, Yellow

Plenum • Foam FEP Teflon® Insulation • Black FEP Teflon® Jacket

	89182	NEC:	100	31	6.4	2.9	0.78 mm	0.139	3.53	Overall	0.307	7.80	150	78%	8.8	28.9	1	0.4	1.3
		CMP	† 500	152	28.0	12.7	22 AWG			Duofoil®							10	1.2	3.9
		CL2P	† 1000	305	53.1	24.1	(19x34) TC			+ Drain Wire							50	2.7	8.9
		CEC:								(22 AWG TC)							100	4.3	14.1
		CMP FT6															200	6.2	20.3
																	400	8.8	28.9



Color Code: Black, Yellow

TC = Tinned Copper • DCR = DC resistance

† Spools are one piece, but length may vary ±10% from length shown.

Duofoil® see technical information page 23.13.

Teflon® is a DuPont trademark.