

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	
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 Duofoil® + Drain Wire (22 AWG TC)	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										10	1.2	3.9
			CEC:	1000	305	44.1	20.0	(19x34) TC										50	2.7	8.9
			CMX															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 Duofoil® + Drain Wire (22 AWG TC)	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										5	0.9	2.8
				3280	1000	150.1	68.1	(19x34) TC										10	1.2	3.9
																		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 Duofoil® + Drain Wire (22 AWG TC)	0.307	7.80	150	78%	8.8	28.9	1	0.4	1.3	
		CMP	† 500	152	28.0	12.7	22 AWG										10	1.2	3.9	
		CL2P	† 1000	305	53.1	24.1	(19x34) TC										50	2.7	8.9	
		CEC:															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.