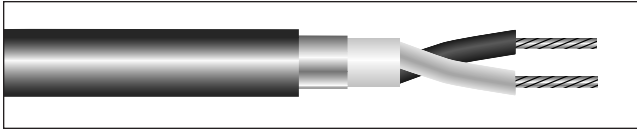


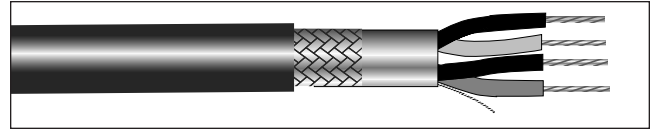
LOCAL AREA NETWORK

TWINAXIAL CABLES AND TWO PAIR DATA CABLE

NON-PLENUM



Alpha Part No.	Type	Ohms	Rating
9821	Twinax	124	Non-Plenum
9823C	Twinax	150	Non-Plenum
9823†	Twinax	150	Non-Plenum



Alpha Part No.	Type	Ohms	Rating
9819C	Two Pair	100	Non-Plenum

PRODUCT DESCRIPTION

Alpha Part No.	Description	Conductor		Core Dielectric Material* Diameter Inches (mm)	Shield & Material* Ohms/1000' (Ohms/Km)	Jacket Material* Nom. O.D. Inches (mm)	Vel. of Prop %	Nominal Capacitance @ 1KHz pF/FT (pF/m)	Nominal Attenuation db/100' (db/100m) @ MHz
		No. of Cond.	AWG Stranding Material* DCR Ohms/1000' (/Km)						
9821 UL AWM 2092 – 300V / 60°C	Twinax Ohms: 124 Non-Plenum	2 Cond. + Drain Wire Str. TC	25 7/33 TC 31.6 (103,6)	Cond. Insul.: PE 0.083 (2,1)	A/P 100% 12.2 (40,0)	Blue PVC 0.242 (6,1)	66	12.2 (40,0)	0.6 (2,0) @ 1.00 1.7 (5,6) @ 10.0 3.6 (11,8) @ 50.0 5.0 (16,4) @ 100.0 6.9 (20,6) @ 200.0 9.6 (31,5) @ 400.0
9823C, 9823† UL Type CM – 300V / 75°C UL AWM 2668 – 30V / 60°C CSA CMH FT1	Twinax Ohms: 150 Non-Plenum	2 Cond. + Drain Wire Str. TC	22 19/34 TC 15.8 (51,8)	Cond. Insul.: FPE 0.050 (1,3)	A/P/A + 100% 0.134 (3,4)	Black PVC 0.350 (8,9) 6.5 (21,3)	78	8.8 (28,9)	0.4 (1,3) @ 1.00 1.2 (3,9) @ 10.0 2.7 (8,9) @ 50.0 4.3 (14,1) @ 100.0 6.2 (20,3) @ 200.0 8.8 (28,9) @ 400.0

*Refer to Materials Abbreviation Guide on Page 254

†Not UL Type CM or CSA Rated

PRODUCT DESCRIPTION

TWO PAIR DATA CABLE MULTIPAIR, OVERALL FOIL AND BRAID SHIELD

Alpha Part No.	Description	Conductor		Insulation Material* Thickness Diameter Inches (mm)	Shield & Material* Ohms/1000' (Ohms/Km)	Jacket (Gray PVC) Material* Nom. O.D. Inches (mm)	Vel. of Prop %	Nominal Capacitance @ 1KHz pF/FT (pF/m)	
		No. of Pairs	AWG Stranding Material* DCR Ohms/1000' (/Km)					•	••
9819C UL Type CM – 300V / 75°C UL AWM 2919 – 30V / 80°C CSA Type CMH FT1	Multipair, Overall Foil & Braid Shield Ohms: 100 Non-Plenum	2 + Drain Wire Str. TC	22 Solid TC 16.8 (55,1)	PE 0.02 (0,5) 0.064 (1,6)	A/P + 58% TC Braid 5.1 (16,7)	Black PVC 0.290 (7,37)	66	15 28 (49,2) (91,8)	

*Refer to Materials Abbreviation Guide on Page 254

• Capacitance between conductors

•• Capacitance between one conductor and the other conductors connected to the shield

AVAILABILITY

- See Page 275 for available put-ups



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