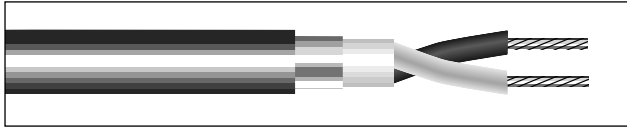


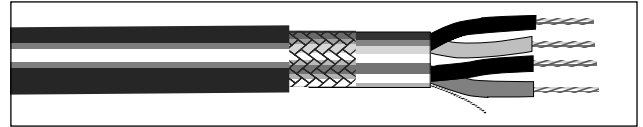
## LOCAL AREA NETWORK

### TWINAXIAL CABLES AND TWO PAIR DATA CABLE

NON-PLENUM



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



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

### PRODUCT DESCRIPTION

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† 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 CM Rated

### PRODUCT DESCRIPTION

### TWO PAIR DATA CABLE MULTIPAIR, OVERALL FOIL AND BRAID SHIELD

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 Type CM – 300V / 75°C UL AWM 2919 – 30V / 80°C CSA 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 (49,2)	28 (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

### SPECIFICATIONS



### AVAILABILITY

■ See Page 275 for available put-ups