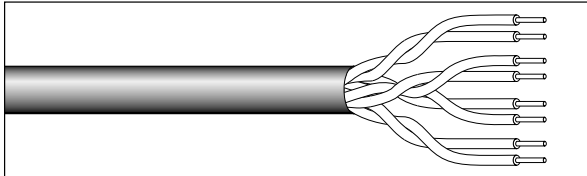


**LOCAL AREA NETWORK
UNSHIELDED TWISTED PAIR (UTP)
CATEGORY 5**

**PLENUM AND
NON-PLENUM**

**UNSHIELDED TWISTED PAIR (UTP)
SOLID CONDUCTOR, CATEGORY 5, 100 Mbps.**



Part No.	Rating	Ohms @ MHz
9504C	Non-Plenum	See Chart at Right
9504F	Plenum	See Chart at Right
9525F	Plenum	See Chart at Right

Nominal Impedance Ohms @ MHz
100 ± 15% 1.0 -100 MHz

COLOR CODE INFORMATION
See Chart M Page 377

PRODUCT DESCRIPTION

Part No.	Application	Conductor AWG Stranding Material* DCR Ohms/1000' (/Km)	Maximum Capacitance pF/FT (pF/m)	Maximum Attenuation dB/100' (db/100m) @ MHz	Minimum Near End Cross-Talk dB/100' (dB/100M) @MHz
9504C 300V / 75°C Type CM CMG FT4	TIA/EIA 568-A, Category 5 ICEA 661, Category 5 NEMA WC-63.1, Category 5	24 Solid BC 28.4 (98,2) Max.	17 (55,8) @ 1 KHz	0.63 (2,07) @ 1.0 1.3 (4,26) @ 4.0 1.8 (5,90) @ 8.0	19.0 (62,3) @ 1.0 16.2 (53,3) @ 4.0 14.9 (48,8) @ 8.0
9504F 300V / 75°C Type CMP CMP FT6			17 (55,8) @ 1 MHz	2.0 (6,56) @ 10.0 2.5 (8,20) @ 16.0 2.8 (9,18) @ 20.0 3.2 (10,5) @ 25.0 3.6 (11,8) @ 31.25 5.2 (17,1) @ 62.5 6.7 (22,0) @ 100	14.4 (47,3) @ 10.0 13.5 (44,3) @ 16.0 13.0 (42,8) @ 20.0 12.6 (41,3) @ 25.0 12.2 (39,9) @ 31.25 10.8 (35,4) @ 62.5 9.8 (32,3) @ 100
9525F 300V / 60°C Type CMP CMP FT6					

Part No.	Conductor No. of Pairs	Insulation Material* Thickness Diameter Inches (mm)	Jacket Material* Nom. O.D. Inches (mm)	Vel. of Prop %
9504C Type CM CMG FT4	4	Flame Retardant PE 0.009 (0,23) 0.038 (0,97)	Gray or Blue PVC 0.200 (5,08)	66
9504F Type CMP CMP FT6	4	FEP Teflon** 0.007 (0,18) 0.034 (0,86)	Gray, White or Blue Plenum-PVC 0.170 (4,31)	73
9525F Type CMP CMP FT6	25	FEP Teflon** 0.007 (0,18) 0.034 (0,86)	White Plenum-PVC 0.630 (16,0)	73

*Refer to Materials Abbreviation Guide on Page 254
**Registered trademark of E.I. DuPont Co.

SPECIFICATIONS



AVAILABILITY

■ See Page 275 for available put-ups