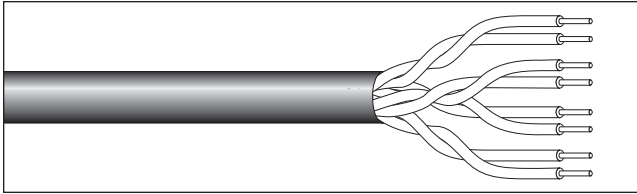


# LOCAL AREA NETWORK

## UNSHIELDED TWISTED PAIR (UTP) CATEGORY 5

PLENUM AND  
NON-PLENUM

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



Alpha Part No.	Rating	Ohms @ MHz
<b>9504C</b>	<b>Non-Plenum</b>	See Chart at Right
<b>9504F</b>	<b>Plenum</b>	See Chart at Right
<b>9525F</b>	<b>Plenum</b>	See Chart at Right

Nominal Impedance Ohms @ MHz	COLOR CODE INSULATION
100 ± 15% 1.0-100 MHz	See Page 275

## PRODUCT DESCRIPTION

Alpha Part No.	Application	Conductor AWG Stranding Material* DCR Ohms/1000' (/Km)	Maximum Attenuation dB/100' (dB/100m) @ MHz	Minimum Near End Cross-Talk dB/100' (dB/100M) @MHz
<b>9504C</b> 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 (91) Max.	0.63 (2,07) @ 1.0	19.0 (62,3) @ 1.0
<b>9504F</b> 300V / 75°C Type CMP CMP FT6			1.3 (4,26) @ 4.0	16.2 (53,3) @ 4.0
<b>9525F</b> 300V / 60°C Type CMP CMP FT6			1.8 (5,90) @ 8.0	14.9 (48,8) @ 8.0

Alpha Part No.	Conductor No. of Pairs	Insulation Material* Nom. O.D. (mm)	Jacket Material* Nom. O.D. Inches (mm)	Vel. of Prop %
<b>9504C</b> 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
<b>9504F</b> 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
<b>9525F</b> 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

UL LISTED

## AVAILABILITY

See Page 275 for available put-ups



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