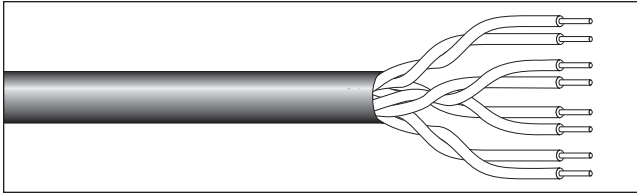


LOCAL AREA NETWORK

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 |
|----------------|-------------------|--------------------|
| 9504C | Non-Plenum | See Chart at Right |
| 9504F | Plenum | See Chart at Right |
| 9525F | Plenum | 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 |
|--|--|--|---|--|
| 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 (91) Max. | 0.63 (2,07) @ 1.0 | 19.0 (62,3) @ 1.0 |
| 9504F 300V / 75°C Type CMP CMP FT6 | | | 1.3 (4,26) @ 4.0 | 16.2 (53,3) @ 4.0 |
| 9525F 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 % |
|-------------------------------------|------------------------|--|---|----------------|
| 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

UL LISTED

AVAILABILITY

■ See Page 275 for available put-ups



Toll Free: 1-800-52 ALPHA • Telephone: 908-925-8000 • Fax: 908-925-6923
Europe/UK Telephone: +44 (0) 1932 772422 • Europe/UK Fax: +44 (0) 1932 772433

Web Site: www.alphawire.com
Email: info@alphawire.com

268