

## Technical Specifications

For fast Ethernet networks that require bandwidth-intensive voice, data, or video distribution applications. Meets all Cat5e TIA/EIA standards, and drastically reduces both impedance and structural return loss (SRL). Each of the individual pairs is bonded together to help maintain the twist-spacing throughout the line right up to the termination point. Constructed from high quality copper cable, this design minimizes Near-End Crosstalk (NEXT) levels. The molded, snagless boot prevents unwanted cable snags during installation and provides extra strain relief. Available in a variety of colors to easily color-code your network installation.

**Connector 1:** (1) RJ-45 Male

**Connector 2:** (1) RJ-45 Male

### Electrical Characteristics

- Conductor DC Resistance - 89Ω/km (maximum)
- Insulation Resistance - 100Ω/km (maximum)
- Dielectric Strength - 500MV/m
- Certification: TIA/EIA

### Physical Characteristics

- Wiring Scheme - TSB 568B (AT&T 258A)
- Approvals - RoHS Compliant
- Package Type - Polybag

### Conductor (Qty. 4 twisted pair)

- Conductor Type - 24AWG (7/0.20), Stranded Bare Copper
- Insulation - H-D PE
- Diameter - 0.95 ± 0.02mm
- Colors - Blue, Blue-White, Orange, Orange-White, Green, Green-White, Brown, Brown-White

### Connector Type (Qty. 2)

- Connector Type - 8P8C (RJ45)
- Gender - Male
- Connector Material - Polycarbonate
- Contact Material - Copper Alloy, Gold Plating - 50µm
- Hood Material - Moulded PVC

### Overall Cable

- Jacket - FR-PVC
- Minimum Average Thickness - 0.55mm
- Outer Diameter - 5.30 ± 0.15mm

### Uses

- 1000 BASE-T; 100 BASE-T; 10 BASE-T (IEEE 802.3)
- 4/16 Mbps Token Ring (IEEE 802.5); 100 VG-AnyLAN
- 100 Mbps TP-PMD (ANSI X3T9.5); 55/155 Mbps ATM
- Voice



## Available Colors



## Available Lengths

6 in	7 ft	20 ft
1 ft	8 ft	25 ft
2 ft	9 ft	30 ft
3 ft	10 ft	35 ft
4 ft	12 ft	50 ft
5 ft	14 ft	75 ft
6 ft	15 ft	100 ft

*\* Custom Lengths on Request*

