



PRODUCT SPECIFICATION

CAT5e PLENUM SHIELDED

Description: Shielded four twisted pair Category 5e Horizontal Cable with a flame retardant PVC jacket. Extended Testing to 350 MHz

Standards/Listings: ANSI/TIA/EIA 568C.2 Category 5e Swept to 350 MHz, ISO/IEC 11801 Category 5e, NEC Article 800, UL 910: CMP FT6, ETL Electrically Verified to ANSI/TIA/EIA 568C.2 Category 5e, C(ETL)US CMP, RoHS Compliant

Applications: Supports all category 5 applications including Ethernet 100BASE-TX, 100BASE-VG and 155 ATM. Particularly suited for high bandwidth applications such as 622 ATM. Wideband, and Ethernet 1000BASE-T.

CONSTRUCTION

Conductor:	23 AWG Solid Bare Copper
Number of Conductors or Pairs:	4 Pair
Inner Jacket Material:	Flame Retardant Polyvinyl Chloride
Shield:	Aluminum/Polyester Tape applied over inner jacket
Drain:	Solid Tin Copper
Jacket Material:	Flame Retardant Polyvinyl Chloride
Nominal Overall Cable Diameter:	0.245 inch (6.223 mm)
Approximate Cable Weight:	39 lb/1,000 ft.

ELECTRICAL & PHYSICAL PROPERTIES

Temperature Rating:	Installation: 0°C to 50°C Operation: -10°C to 60°C
Velocity of Propagation:	72%
Mutual Capacitance:	14 pF/ft Nominal
Capacitance Unbalance:	330 pF/ft Maximum
Maximum Conductor D.C.R.:	28.6Ω/1,000 ft
Maximum D.C.R. Unbalance:	3%
Maximum Delay Skew:	15.0ns/100m
Maximum Propagation Delay Skew:	5.7ns/100m
Characteristic Impedance:	From 0.772 MHz — 100 MHz 100 ± 15% From 101 MHz — 250 MHz 100 ± 22% From 201 MHz — 350 MHz 100 ± 32%
Maximum Installing Tension:	25 lb
Minimum Bending Radius:	1.0 inch
Insulation Colors:	Blue paired with White/Blue Orange paired with White/Orange Green paired with White/Green Brown paired with White/Brown