

PRODUCT SPECIFICATIONS

CAT5E350

Description:	Unshielded four twisted pair Category 5e Enhanced Horizontal Cable with a PVC jacket.
Standards/Listings:	ANSI/TIA/EIA 568B.2.1 Category 5e Swept to 350 MHz, ISO/EIC 11801 Category 5e, NEC Article 800, UL 1666: CM, ETL Electrically Verified to ANSI/TIA/EIA 568B.2.1 Category 5e, C(ETL)US CM, RoHS Compliant
Applications:	Supports all category 5 applications including Ethernet 100BASE-TX, 100BASE-VG and 155 ATM. Particularly suited as 622 ATM. Wideband, and Ethernet 10000BASE-T.

CONSTRUCTION

Conductor:	24 AWG Solid Bare Copper
Number of Conductors or Pairs:	4 Pair
Jacket Material:	Polyvinyl Chloride
Nominal Overall Cable Diameter:	0.185 inch (4.699 mm)
Approximate Cable Weight:	20 lb/1,000 ft.

ELECTRICAL & PHYSICAL PROPERTIES

Temperature Rating:	Installation: 0°C to 50°C Operation: -10°C to 60°C
Velocity of Propagation:	70%
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:	5%
Maximum Delay Skew:	45.0ns/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 Brown paired with White/Brown Green paired with White/Green

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