



PRODUCT SPECIFICATION

CAT5E-CMP

Description:	Unshielded four twisted pair Category 5e 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, Category 5e, Electrically Verified to ANSI/TIA/EIA 568C.2 Category 5e, 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:	24 AWG Solid Bare Copper
Number of Conductors or Pairs:	4 Pair
Jacket Material:	Flame Retardant Polyvinyl Chloride
Nominal Overall Cable Diameter:	0.185 inch (4.699 mm)
Approximate Cable Weight:	22 lb/1,000 ft.

ELECTRICAL & PHYSICAL PROPERTIES

Temperature Rating:	Installation: 0°C to 50°C Operation: -2°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 100 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



PHONE: (301) 836-1195

sales@tscables.com

2 Wisconsin Circle,
Suite 700 Chevy Chase,
MD 20815

The information provided herein is, to the best of our knowledge, true and accurate. Since conditions of use are beyond our control, all information presented is without guarantee or responsibility on our part. We disclaim all liability in connection with the use of information contained herein or otherwise.