



PRODUCT SPECIFICATIONS

**CONVERGENT
CONNECTIVITY
TECHNOLOGY**

CAT3P3

- Description:** Unshielded three twisted pair Category 3 Horizontal Cable with a flame resistant low smoke PVC jacket.
- Standards/Listings:** NEC Article 800, UL Subject 444, Type CMP, C(ETL)US, RoHS Compliant
- Applications:** Supports all category 3 applications including 10BASE-T, 4/16 Mbps Token Ring, 25.6 Mbps ATM.

CONSTRUCTION

Conductor:	24 AWG Solid Bare Copper
Number of Conductors or Pairs:	3 Pair
Jacket Material:	Flame Resistant Low Smoke Polyvinyl Chloride
Nominal Overall Cable Diameter:	0.152 inch (3.860 mm)
Approximate Cable Weight:	12 lb/1,000 ft.

ELECTRICAL & PHYSICAL PROPERTIES

Temperature Rating:	-2°C to +60°C
Velocity of Propagation:	72%
Mutual Capacitance:	18.7 pF/ft Nominal
Capacitance Unbalance:	330 pF/100m maximum
Maximum Conductor D.C.R.:	28.6Ω/1,000 ft
Maximum Delay Skew:	45.0ns/100m
Characteristic Impedance:	From 0.772 MHz — 16 MHz 100 ± 15Ω
Insulation Colors:	White/Blue paired with Blue White/Orange paired with Orange White/Green paired with Green

ELECTRICAL CHARACTERISTICS

<u>Frequency</u>	<u>SRL</u>	<u>NEXT</u>	<u>Insertion Loss</u>	<u>ACR</u>
<u>MHz</u>	<u>dB</u>	<u>dB</u>	<u>dB/100 m</u>	<u>dB</u>
	<u>Minimum</u>	<u>Minimum</u>	<u>Minimum</u>	<u>Minimum</u>
1	12.0	41.3	2.6	38.7
4	12.0	32.3	5.6	26.7
8	12.0	27.8	8.5	19.3
10	12.0	26.3	9.7	16.6
16	10.0	23.2	13.1	10.1

Issue Date: April '10 Revision: 0

THE STRONGEST LINK IN YOUR SUPPLY CHAIN



PHONE: 866-905-6744
FAX: 845-651-3564

Page 1 of 1

PO BOX 454
FLORIDA, NY 10921

techsupport@cctcable.com

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.