



engineered with you in mind

Part No.: 3B244UTP

Category 3 4 Pair 16 MHz Plenum

ETL listed for guaranteed performance
Made in the USA

Applications:

This document establishes the specifications for a plenum rated, four pair unshielded, 100 Ohm, data cable. This cable supports LAN applications utilizing bandwidth up to 16 MHz, Ethernet, linking multiple workstations.

Construction Details:

Conductor: 24AWG Solid Bare Copper
Insulation Material: Remguard Plenum Polymer
Number of Unshielded Pairs: 4
Jacket Material: Remguard Plenum Polymer

Technical Details:

Temperature Rating	Operation	-2°C to +60°C
Nominal Diameter:		0.166 in

Electricals:

Mutual Capacitance: 18.7 pF/ft., Nominal
 Characteristic Impedance: 100Ω ± 15% (measured from 1 to 16 MHz)
 Conductor D.C.R.: 28.6Ω/1000 ft., Maximum
 Maximum Attenuation per 100 meters:
 2.2 dB @ .772 MHz 8.5 dB @ 8.0 MHz
 2.6 dB @ 1.00 MHz 9.7 dB @ 10.0 MHz
 5.6 dB @ 4.00 MHz 13.1 dB @ 16.0 MHz
 Minimum NEXT per 100 meters:
 43.0 dB @ .772 MHz 27.0 dB @ 8.0 MHz
 41.0 dB @ 1.00 MHz 26.0 dB @ 10.0 MHz
 32.0 dB @ 4.00 MHz 23.0 dB @ 16.0 MHz

Standards:

- TIA/EIA 568C.2 Category 3
- National Electric Code – Article 800

Codes & Listings:

- CMP Rating FT6
- C(ETL)US CMP

Color Code:	
Pair Number	Color Combination
1	White/Blue paired with Blue
2	White/Orange paired with Orange
3	White/Green paired with Green
4	White/Brown paired with Brown

Preparation for Shipment:

The cable shall be packaged to preclude the inducement of damage due to handling and transportation, and shall be in accordance with the best commercial practices available. Shipping containers shall be constructed as to eliminate any possible damage to the cables due to shipment.



Issue Date: 11/10
Revision: 2

This product is RoHS compliant to directive 2002/95/EC .

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It is the sole responsibility of the user to have the most current specification. Specifications are subject to change without notice.