



engineered with you in mind

Part No.: 3B2425UTP

Category 3 25 Pair 16 MHz Plenum

ETL listed for guaranteed performance
Made in the USA

Applications:

This document establishes the specifications for a plenum rated, twenty-five 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: 25
Jacket Material: Remguard Plenum Polymer

Technical Details:

Temperature Rating

Operation -2°C to +60°C

Nominal Diameter: 0.397 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

Issue Date: 11/10
Revision: 3

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

PO Box 488 468 RT17A Florida, NY 10921
Customer Service: 800-431-3864 Fax: 845-651-4160 Website: www.remee.com

Color Code:	
Pair Number	Color Combination
1	White/Blue paired with Blue/White
2	White/Orange paired with Orange/White
3	White/Green paired with Green/White
4	White/Brown paired with Brown/White
5	White/Slate paired with Slate/White
6	Red/Blue paired with Blue/Red
7	Red/Orange paired with Orange/Red
8	Red/Green paired with Green/Red
9	Red/Brown paired with Brown/Red
10	Red/Slate paired with Slate/Red
11	Black/Blue paired with Blue/Black
12	Black/Orange paired with Orange/Black
13	Black/Green paired with Green/Black
14	Black/Brown paired with Brown/Black
15	Black/Slate paired with Slate/Black
16	Yellow/Blue paired with Blue/Yellow
17	Yellow/Orange paired with Orange/Yellow
18	Yellow/Green paired with Green/Yellow
19	Yellow/Brown paired with Brown/Yellow
20	Yellow/Slate paired with Slate/Yellow
21	Violet/Blue paired with Blue/Violet
22	Violet/Orange paired with Orange/Violet
23	Violet/Green paired with Green/Violet
24	Violet/Brown paired with Brown/Violet
25	Violet/Slate paired with Slate/Violet

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.



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