

Category 6 Flooded W/ Messenger Polyethylene Jacket

Made in the USA

Part No.: 6DBFLD234UTPMESS

Applications

Supports all category 6 applications including Ethernet 100BASE-TX, 100BASE-VG and 155 ATM. Particularly suited for high bandwidth applications such as 622 ATM, Wideband, Ethernet 1000BASE-T and emerging applications with anticipated data rates to 3.2 Gbps.

Construction Details:

No. 23 AWG solid bare copper conductor insulated with polyethylene. Two colored mated insulated conductors twisted together to form a pair and four pairs assembled to form a core. The core is flooded with a water resistant flooding compound and has a polyethylene jacket with an 0.045" steel messenger.

Color Code:

| Pair | Color Code |
|------|-------------------|
| 1 | Blue with White |
| 2 | Orange with White |
| 3 | Green with White |
| 4 | Brown with White |

Electrical Parameters:

| | |
|---------------------------|--------------------------------|
| Mutual Capacitance: | 14 pF/ft nominal |
| Capacitance Unbalance: | 330 pF/ft maximum |
| Velocity of Propagation: | 70% |
| Max. Conductor D.C.R.: | 28.6 ohm/1000 feet |
| Max. DCR Unbalance: | 5% |
| Max. Delay Skew: | 45.0 ns/100m |
| Characteristic Impedance: | from 0.772 - 100 MHz 100 ± 15% |
| | from 101 - 250 MHz 100 ± 22% |

Technical Details

Temperature Rating

| | |
|--------------|---------------|
| Installation | 0°C to 50°C |
| Operation | -10°C to 60°C |

| | | |
|--------------------|------------|-----------|
| Nominal Diameters: | Over Cat6: | 0.275 in. |
| | Over Mess: | 0.095 in. |
| | Major: | 0.390 in. |

Standards

- ANSI/TIA/EIA 568C.2 Category 6

Codes & Listings

- Non Listed



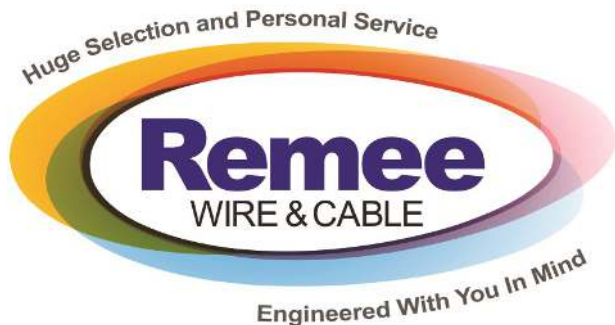
MADE IN THE USA

Issue Date: 06/15
Revision: 1

All warranty information can be viewed at WWW.REMEE.COM.

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

1751 State RTE. 17A STE #1 Florida, NY 10921
Customer Service: 800-431-3864 Fax: 845-651-4160 Website: www.remee.com



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Electrical Characteristics:

| Frequency | Return Loss | Attenuation | NEXT | PS-NEXT | ELFEXT | PS-ELFEXT | ACR | PS-ACR |
|-----------|-------------|-------------|---------|---------|---------|-----------|---------|---------|
| | dB | dB(100m) | dB | dB | dB | dB | dB | dB |
| MHz | Minimum | Maximum | Minimum | Minimum | Minimum | Minimum | Minimum | Minimum |
| 1 | 20.0 | 2.0 | 80.3 | 78.3 | 73.8 | 70.8 | 78.3 | 76.3 |
| 4 | 23.0 | 3.8 | 71.3 | 69.3 | 61.8 | 58.8 | 67.5 | 65.5 |
| 10 | 25.0 | 6.0 | 65.3 | 63.3 | 53.8 | 50.8 | 59.3 | 57.3 |
| 16 | 25.0 | 7.6 | 62.2 | 60.2 | 49.7 | 46.7 | 54.6 | 52.6 |
| 20 | 25.0 | 8.5 | 60.8 | 58.8 | 47.8 | 44.8 | 52.3 | 50.3 |
| 31.25 | 23.6 | 10.7 | 57.9 | 55.9 | 43.9 | 40.9 | 47.2 | 45.2 |
| 62.5 | 21.5 | 15.4 | 53.4 | 51.4 | 37.9 | 34.9 | 38.0 | 36.0 |
| 100 | 20.1 | 19.8 | 50.3 | 48.3 | 33.8 | 30.8 | 30.5 | 28.5 |
| 200 | 18.0 | 29.0 | 45.8 | 43.8 | 27.8 | 24.8 | 16.8 | 14.9 |
| 250 | 17.3 | 32.8 | 44.3 | 42.3 | 25.8 | 22.8 | 11.5 | 9.5 |

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.

Note: While Remeewire Products Corp. has made every reasonable effort to ensure the accuracy of the information in this document, Remeewire Products Corp. does not guarantee that it is error-free, nor does Remeewire Products Corp. make any other representation, warranty, or guarantee that the information is accurate, correct, reliable or current. Remeewire Products Corp. reserves the right to make any adjustments to the information contained herein at any time without notice. Remeewire Products Corp. expressly disclaims all implied warranties regarding the information contained herein, including but not limited to, any implied warranties of merchantability or fitness for particular purpose. The dimensions in this document are for reference purposes only and are subject to change without notice.

Your signature constitutes that you have read and agreed to this specification sheet and upon confirmation of your order; this item may be non-cancelable and non-returnable.

Signature: _____

Company: _____

Date: _____



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