

Category 5e Shielded Plenum

ETL verified for guaranteed performance
Made in the USA

Part No.: 5BE234STP

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 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 inner jacketed, a shield is applied over the inner jacket and a tin copper drain is pulled in under the tape. A overall low smoke, flame retardant PVC jacket is applied over the shield.

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: | 72% |
| 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% |

Technical Details

| | | |
|-----------------------|--------------|-----------------|
| Temperature Rating | | |
| | Installation | -0°C to 50°C |
| | Operation | -2°C to 60°C |
| Nominal Diameter: | | 0.245 in. |
| Nominal cable weight: | | 39 lb/1000 feet |

Standards

- ANSI/TIA/EIA 568C.2 Category 5e
- ISO/IEC 11801 Category 5e
- National Electric Code – Article 800

Codes & Listings

- CMP Rating FT6
- ETL Electrically Verified to ANSI/TIA/EIA 568C.2 Category 5e
- C(ETL)US CMP



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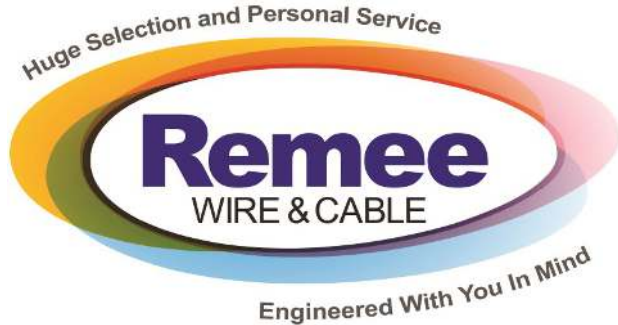


Issue Date: 06/15
Revision: 9

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 | SRL | Return Loss | Attenuation | NEXT | PS-NEXT | ELFEXT | PS-ELFEXT | ACR | PS-ACR |
|-----------|---------|-------------|-------------|---------|---------|---------|-----------|---------|---------|
| | dB | dB | dB(100m) | dB | dB | dB | dB | dB | dB |
| MHz | Minimum | Minimum | Maximum | Minimum | Minimum | Minimum | Minimum | Minimum | Minimum |
| 1 | 23.0 | 20.0 | 2.0 | 65.3 | 62.3 | 63.8 | 60.8 | 63.3 | 60.3 |
| 4 | 23.0 | 20.3 | 4.0 | 56.3 | 53.3 | 51.7 | 48.7 | 52.3 | 49.3 |
| 8 | 23.0 | 20.5 | 5.7 | 51.8 | 48.8 | 45.7 | 42.7 | 46.1 | 43.1 |
| 10 | 23.0 | 25.0 | 6.4 | 50.3 | 47.3 | 43.8 | 40.8 | 43.9 | 40.4 |
| 16 | 23.0 | 25.0 | 8.2 | 47.3 | 44.3 | 39.7 | 36.7 | 39.1 | 36.1 |
| 20 | 23.0 | 25.0 | 9.2 | 45.8 | 42.8 | 37.7 | 34.7 | 36.6 | 33.6 |
| 25 | 22.0 | 25.0 | 10.4 | 44.3 | 41.3 | 35.8 | 32.8 | 33.9 | 30.9 |
| 31.25 | 21.1 | 23.6 | 11.7 | 42.9 | 39.9 | 33.9 | 30.9 | 31.2 | 28.2 |
| 62.5 | 18.1 | 21.5 | 16.9 | 38.4 | 35.4 | 27.8 | 24.8 | 21.5 | 18.5 |
| 100 | 16.0 | 20.1 | 21.9 | 35.3 | 32.3 | 23.8 | 20.8 | 13.4 | 10.4 |

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 Remeë Products Corp. has made every reasonable effort to ensure the accuracy of the information in this document, Remeë Products Corp. does not guarantee that it is error-free, nor does Remeë Products Corp. make any other representation, warranty, or guarantee that the information is accurate, correct, reliable or current. Remeë Products Corp. reserves the right to make any adjustments to the information contained herein at any time without notice. Remeë 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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