

22 AWG-1Pr Shielded Plus 1/C RS-485

Part No.: B1P1C22TFISTB

Applications:

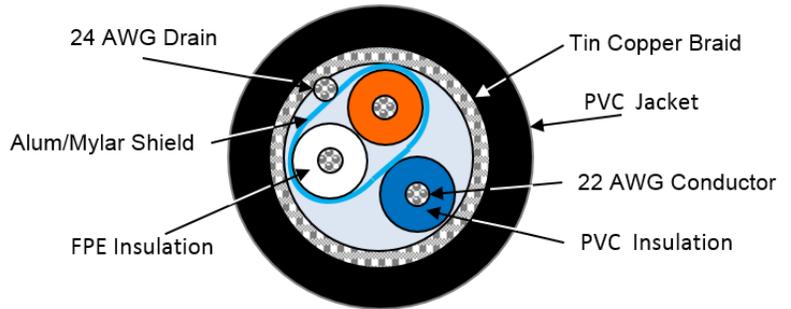
This document establishes the specifications for a 3C cable. One pair is EIA-RS485 data grade with a foil shield. The single conductor is outside the foil tape. There is a tinned copper overall braid shield and PVC jacket. RS-485 and Data Highway applications.

Construction Details:

Number of Conductors: 3/C (1 Pair + 1/C)
 Conductor: 22AWG Str Tinned Copper
Data Pair:
 Insulation Material: Foam Polyethylene
 Nominal Insulation Thickness: 0.025 in.
 Color Code: Orange & White
 Shield: Aluminum/Mylar Tape (Foil Facing Out)
Single Conductor:
 Insulation Material: PVC
 Nominal Insulation Thickness: 0.017 in.
 Color: Blue
 Drain: 24AWG Str. Tinned Copper
 Braid: Tinned Copper Braid
 Minimum Braid Coverage: 65%
 Jacket Material: PVC
 Jacket Color: Black
 Nominal Jacket Thickness: 0.042 in.
 Nominal Overall Diameter: 0.281 in.
 Surface Print:
 REMEE TEKwire™ C(ETL)US CM OR PLTC 1PR 22 AWG SHIELDED + 1C 22 AWG SUN RES FT1 RS-485 ROHS COMPLIANT MADE IN USA (Lot #) + Sequential Footage Marking

Electricals:

Maximum Operating Voltage: 300 Volts RMS
 Conductor DCR: (Maximum) 14.7Ω / Mft
 Capacitance, Nominal Cond to cond 11.5 pF/ft
 Cond-shield 21 pF/ft
 Impedance, Nominal 120Ω
 Velocity of propagation (Nom.) Data Pair: 74%



Technical Details:

Temperature Rating	-20°C to +60°C
Nominal Weight:	43 lbs. / 1,000 ft.
Maximum Pulling Tension	60 lbf
Minimum Bending Radius	3.0 in

Standards:

- EIA RS-485
- National Electric Code – Articles 725 and 800
- UL Standard 444
- UL Standard 13
- UL 1581

Codes & Listings

- CM, PLTC
- C(ETL)US CM OR PLTC

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.

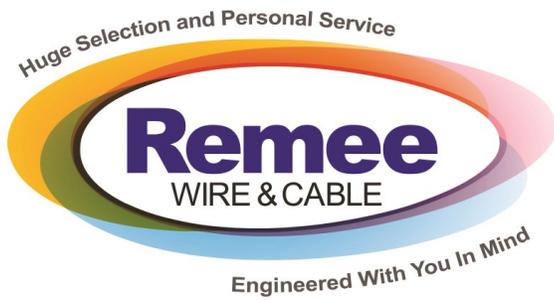


Issue Date: 08/20
 Revision: 8

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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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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