

# 22 AWG-1Pr Shielded RS-485

Part No.: B1P22TFOSTB

## Applications:

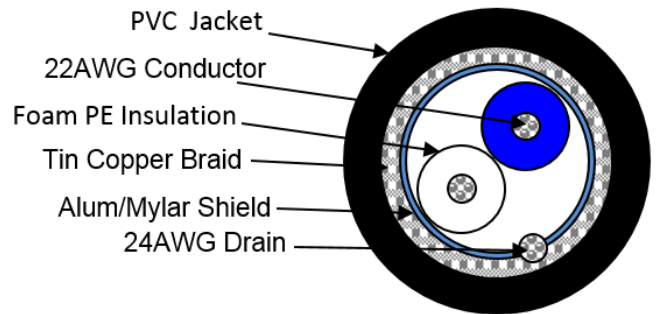
This document establishes the specifications for a 2C (1 pair) cable EIA-RS485 data grade with a foil plus braid shield. For RS-485 as well as DMX-512 and other computer control applications.

## Construction Details:

Number of Conductors: 2/C (1 Pair)  
 Conductor: 22AWG Str Tinned Copper  
 Insulation Material: Foam Polyethylene  
 Nominal Insulation Thickness: 0.025 in.  
 Color Code: Blue & White  
 Shield: Aluminum/Mylar Tape (Foil Facing Out)  
 Drain: 24AWG Str. Tinned Copper  
 Braid: Tinned Copper Braid  
 Minimum Braid Coverage: 65%  
 Jacket Material: PVC  
 Jacket Color: Black  
 Nominal Jacket Thickness: 0.041 in.  
 Nominal Overall Diameter: 0.281 in.  
 Surface Print:  
 REMEE TEKwire™ RS-485 1PR 22 AWG SHIELDED  
 3122598 C(ETL)US CM OR PLTC SUN RES FT1  
 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.) 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.

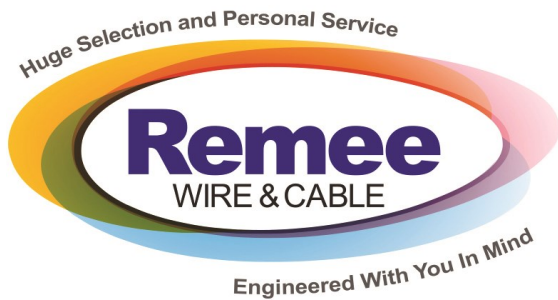


Issue Date: 07/20  
 Revision: 7

All warranty information can be viewed at [WWW.REMEE.COM](http://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](http://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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