

# 24 AWG-1Pr Shielded RS-485 120Ω CM

Part No.: B1P24TOSTB

## Applications:

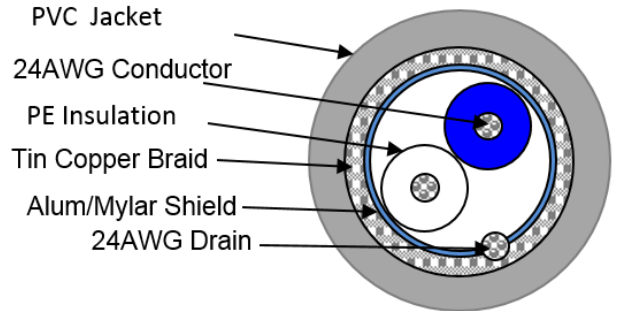
This document establishes the specifications for a 120Ω, one pair cable with a foil plus braid shield. The insulation is PE, and jacket is PVC. This is an EIA RS-485 computer cable for those applications as well as DMX-512.

## Construction Details:

Number of Conductors: 2/C (1 Pair)  
 Conductor: 24AWG Str Tinned Copper  
 Insulation Material: Polyethylene  
 Nominal Insulation Thickness: 0.023 in.  
 Color Code: Blue / White  
 Shield: Aluminum/Mylar Tape (Foil Facing Out)  
 Drain: 24AWG Str. Tinned Copper  
 Braid: Tinned Copper Braid  
 Minimum Braid: Coverage: 90%  
 Jacket Material: PVC  
 Jacket Color: Gray  
 Nominal Jacket Thickness: 0.020 in.  
 Nominal Overall Diameter: 0.203 in.  
 Surface Print:  
 REMEE PRODUCTS CORP. RS-485 3122598 CM  
 24AWG 1/P SHIELDED C(ETL)US ROHS  
 COMPLIANT MADE IN USA (Lot #) + Sequential  
 Footage Marking

## Electricals:

Maximum Operating Voltage: 300 Volts RMS  
 Conductor DCR: (Maximum) 27.7Ω / Mft  
 Capacitance, Nominal Cond to cond 12.8 pF/ft  
 Cond-shield 23 pF/ft  
 Impedance, Nominal 120Ω  
 Velocity of propagation (Nom.) 66%



## Technical Details:

Temperature Rating	-20°C to +75°C
UL Temp	+60°C
Nominal Weight:	34 lbs. / 1,000 ft.
Maximum Pulling Tension	65 lbf
Minimum Bending Radius	2.5 in

## Standards:

- EIA RS-485
- National Electric Code – Article 800
- UL Standard 444
- UL 1581

## Codes & Listings

- CM Rating
- C(ETL)US CM

## 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.

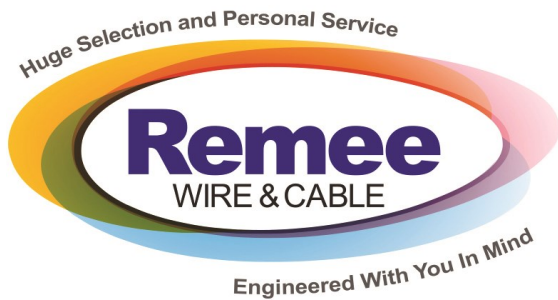


Issue Date: 06/20  
 Revision: 6

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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