

# 22 AWG-2Pr Shielded RS-485 120Ω

Part No.: B2P22TFOSTB

## Applications:

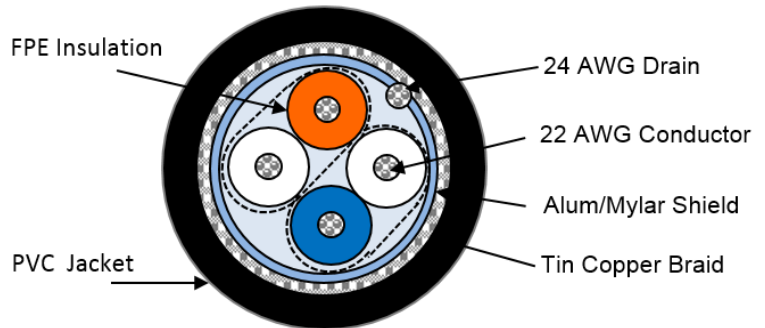
This document establishes the specifications for a 120Ohm, two pair 22AWG cable with a foil plus braid shield. The insulation is FPE, and jacket is PVC. This is an EIA RS-485 computer cable for those applications, as well as DMX-512, and other computer controls.

## Construction Details:

Number of Conductors: 4/C (2 Pair)  
 Conductor: 22AWG Str Tinned Copper  
 Insulation Material: Foam Polyethylene  
 Nominal Insulation Thickness: 0.025 in.  
 Color Code: Pair 1: Blue & White  
                   Pair 2: Orange & 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: 0.035 in.  
 Nominal Overall Diameter: 0.350 in.  
 Surface Print:  
 REMEE PRODUCTS CORP. RS-485 2PR 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:	58 lbs. / 1,000 ft.
Maximum Pulling Tension	80 lbf
Minimum Bending Radius	3.5 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.

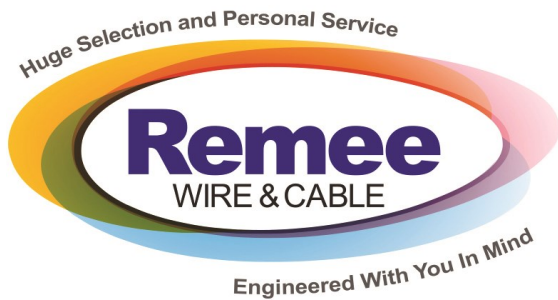


Issue Date: 07/20  
 Revision: 7

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)



# 22 AWG-2Pr Shielded RS-485 120Ω CM

Part No.: B2P22TFOSTB

**Note:** While Remeë Products Corp. has made every reasonable effort to ensure the accuracy of the information in this document, 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: \_\_\_\_\_



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)