

# Hybrid SMPTE-311M HDTV 3-Channel Plenum Rated

## Spec Part No.: 3CSMPTP

### Construction Details - Component 1

Conductor: 18AWG 19/30 TC  
Insulation: FEP  
Nominal Diameter: 0.078 in.  
Colors: (3) Black, (3) White

### Construction Details - Component 2

Conductor: 24AWG 7/32 TC  
Insulation: FEP  
Nominal Diameter: 0.038 in.  
Colors: (3) Red, (3) Gray

### Construction Details - Component 3

Construction: 2 of component 1 and 2 of component 2 are cabled together to form the core.  
Shield: Aluminum/Polyester Tape (100% Coverage, Foil in)  
Drain Wire: 22AWG 7/30 Tin Copper (Under Shield)  
Jacket Material: PVDF  
Jacket Colors: Blue, Orange, Green  
Nominal Diameter: 0.220 in.  
Surface Print: None

### Construction Details - Component 4

Fiber Type: Simplex Single-Mode  
Buffer: Tight Buffer Blue  
Material: Thermoplastic  
Diameter:  $900 \pm 50$  micron (.035  $\pm$  .002 in.)  
Color: Yellow numbered 1—6.  
Subunit Diameter: 0.078 in. Nominal

### Codes & Listings

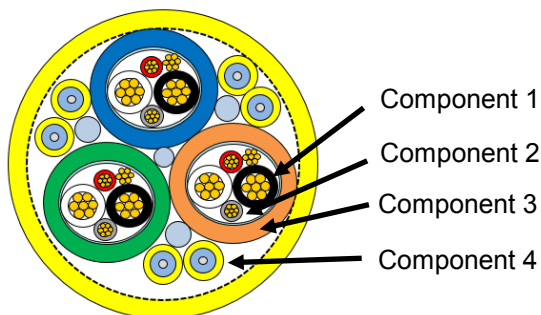
- UL 1666: CMP rating FT6
- C(ETL)US CMP
- SMPTE 311
- UL Subject 444

Issue Date: 01/25  
Revision: 4

**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)



### Overall Construction Details

Filler: As Required  
Cable Assembly: Three components and six fiber cabled in left hand lay.  
Jacket Material: Fluoropolymer  
Jacket Color: Yellow (Other Colors Available with MOQ)  
Overall Diameter: 0.450 in. Nominal  
Surface Print: ClearCast™ by REMEE THREE-CHANNEL HYBRID FIBER CAMERA CABLE CMP C(ETL)US FT6 75°C ROHS MADE IN USA (LOT #) SEQ FT  
Footage Marking: Sequentially Marked every 2 Ft.

### Electricals

Voltage Rating: 300V  
Optical Attenuation @ 1310nm:  $\leq 0.5$  dB/km  
Optical Attenuation @ 1550nm:  $\leq 0.5$  dB/km  
Component 1 (18AWG) DCR: 6.21  $\Omega$ /1M' @ 20°C  
Component 2 (24AWG) DCR: 26.25  $\Omega$ /1M' @ 20°C

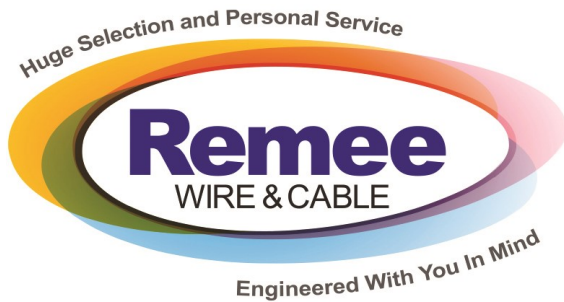
### Technical Details

Temperature Rating  
Operation: -20°C to +75°C  
Installation: 0°C to +60°C  
Nominal Weight/1M': 193 lbs  
Maximum Cable Pull Strength: 600 lbs  
Minimum Bend Radius: 3.9 in.

### Product Part Number

1202SMPTE3CHP





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## 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.

## Specific Part Number Information for Length, Put-Up & Jacket Color:

Available Length's and Put-Up's — M1 for 1,000' reel; B2 for 2,000' reel; B3 for 2,500' reel; B5 for 5,000' reel

Available Jacket Color — Y for Yellow, (Other Colors Available with Minimum Order Quantities)

The 3-place designator is placed at the end of the part number to describe specific packaging, length and jacket color.

**Note:** While Remee Products Corp. has made every reasonable effort to ensure the accuracy of the information in this document. Remee Products Corp. reserves the right to make any adjustments to the information contained herein at any time without notice. Remee 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: \_\_\_\_\_



MADE IN THE USA



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