

THHN/THWN-2/MTW/CSA T90 Nylon 10-19-B Cable Specification

Description:

1. Conductor

- 1.1 AWG & Stranding: 10 (19 x .0234) BC Bunched Copper
- 1.2 Material: Copper to UL 1063 Max DC Resistance @ 25°C = 1.06 Ω/1000'/with ≈ OD of .112"
- 1.3 Lay: 1.75" Left Hand Lay

2. Insulation

- 2.1 Material: PVC
- 2.2 Wall Thickness NOM: .020" Average
- 2.3 Wall Thickness MIN: .018" Minimum
- 2.4 Outside / Finished Diameter: .154"

3. Color Code

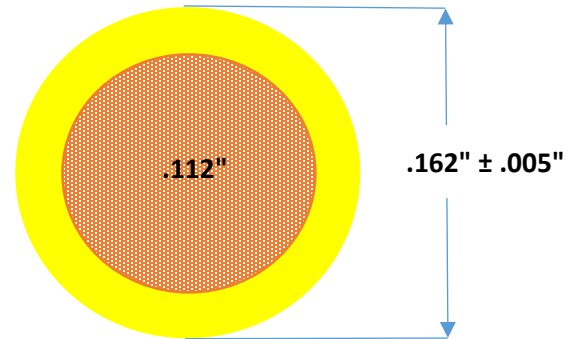
- 3.1 Code: Yellow or as specified by Customer

4. Assembly

- 4.1 MAX Cable Lay Length: N/A
- 4.2 Cable Binder: N/A
- 4.3 Cable filler: N/A
- 4.4 Cable Shield / Separator: N/A
- 4.5 Cable Drain Wire: N/A
- 4.6 Ripcord: N/A

5. Jacket

- 5.1 Material: Nylon
- 5.2 Wall Thickness NOM: .005"
- 5.3 Wall Thickness MIN: .004"
- 5.4 Diameter: .162" +/- .005"
- 5.5 Color: Clear



6. Ratings

- 6.1 UL/CSA/Auto/Other: 90°C, VW-1, 600V, Gasoline & Oil Resistant II

7. Markings (Upon Request)

- 7.1 Type: Print wheel / Inkjet/ Indent Print
- 7.2 UL / SAE / Other: E132579 10 AWG (5.26mm²) (19 CLASS C) (UL) MTW 90C OR THHN OR THWN-2 600V 90C GASOLINE & OIL RESISTANT II VW-1 CSA LL67880 TWN75 OR T90 NYLON 600V FT1

8. Standards

- 8.1 Manufactured to: UL 83 / UL1063
- 8.2 All materials used in the manufacture of this cable are RoHS & Reach compliant.

9. Usage:

- 9.1 Suitable for 600 Vac as specified in NEC at conductor temperatures not to exceed 60°C when exposed to oil or coolant. Gasoline and oil resistant II.

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VARIATION