

**Ratings**

Voltage: 600 V  
 Temperature: -40~105 °C  
 Flammability: VW-1

**Conductor**

Conductor count: 1  
 Gauge: 20 AWG 0.52 mm<sup>2</sup>  
 Material: tinned copper strands  
 Strand size: Ø 0.16 mm x 26  
 Resistance at 20 °C: 36.7 Ω /km max

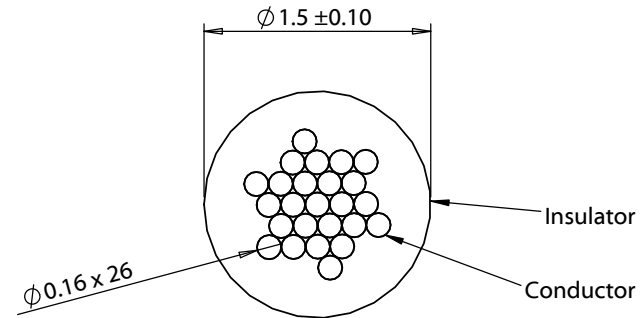
**Insulator**



Material: Polyphenylene Ether, Modified (mPPE)  
 Color: gray  
 Diameter: Ø 1.5 ±0.10 mm  
 Nominal thickness: 0.26 mm  
 Resistance at 20 °C: 100 MΩ /km min

**Wire marking:** E339579 UL AWM STYLE 11028 20 AWG 105°C  
 600V VW-1 --- cUL AWM I A/B 105°C 600V FT1 TENSILITY

**Bend radius**

Minimum: 4 times diameter (6.0 mm)



|           |           |                 |  |   |   |
|-----------|-----------|-----------------|--|---|---|
| Revision: | Date:     | Description:    | Prepared:  | Notes:<br>RoHS compliant<br>Phthalate and halogen free              | <b>TENSILITY</b><br>tel 1.541.323.3228 800 877.670.7118<br>fax 1.541.323.4202 web tensility.com   |
| A         | 2/24/2021 | Initial release | Verified:  |   |   |
|           |           |                 | Dimensions are in millimeters.<br>Tolerances:<br>X: ± 0.5 mm<br>X.X: ± 0.3 mm<br>X.XX: ± 0.05 mm | Description:  | Size: Part number:  |
|           |           |                 |  | Wire, hook-up, TS, 20 AWG, UL 11028, 600V, 105C, 1.5 mm, mPPE, gray | A 30-01750  |
|           |           |                 |  | Scale: 20:1   |   |

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