

Ratings

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

Conductor

Conductor count: 1
 Gauge: 20 AWG 0.52 mm²
 Material: tinned copper strands
 Strand size: Ø 0.16 mm x 26
 Resistance at 20 °C: 36.7 Ω /km max

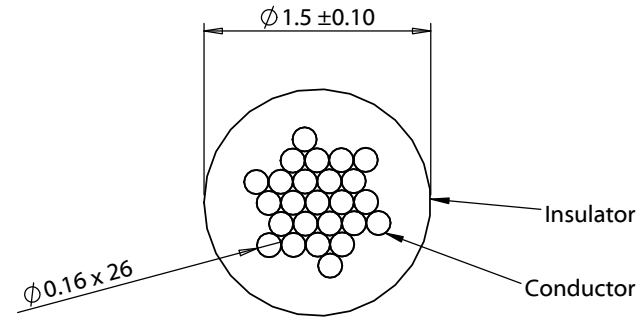
Insulator



Material: Polyphenylene Ether, Modified (mPPE)
 Color: purple
 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)



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|-----------|-----------|-----------------|--|---|---|
| Revision: | Date: | Description: | Prepared: | Notes: RoHS compliant Phthalate and halogen free | TENSILITY tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com |
| A | 2/24/2021 | Initial release | Verified: | | |
| | | | Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm | Description: | Size: Part number: |
| | | | | Wire, hook-up, TS, 20 AWG, UL 11028, 600V, 105C, 1.5 mm, mPPE, purple | A 30-01749 |
| | | | | Scale: 20:1 |   |

5

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