

**Ratings**

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

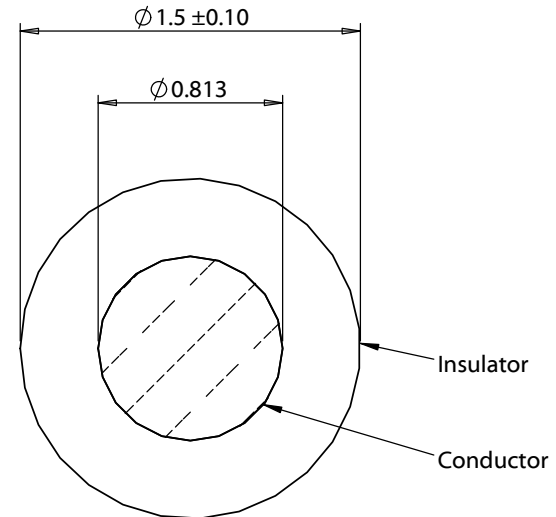
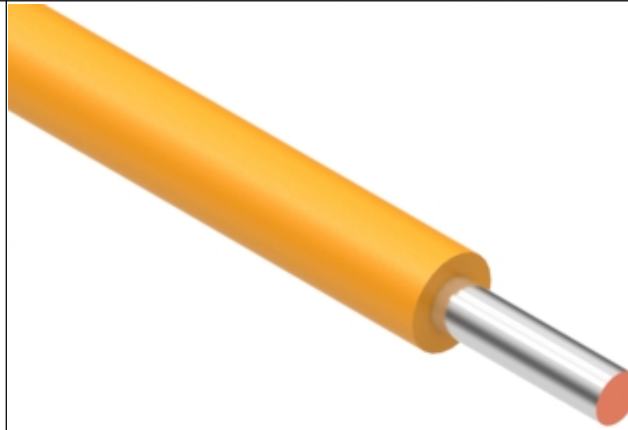
**Conductor**


Conductor count: 1  
 Gauge: 20 AWG 0.52 mm<sup>2</sup>  
 Material: tinned copper  
 Strand size:  $\varnothing$ 0.813 mm (solid)  
 Resistance at 20 °C: 35.2  $\Omega$  /km max

**Insulator**

Material: Polyphenylene Ether, Modified (mPPE)  
 Color: orange  
 Diameter:  $\varnothing$ 1.5  $\pm$ 0.10 mm  
 Nominal thickness: 0.32 mm  
 Resistance at 20 °C: 100 M $\Omega$  /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



|           |          |                 |  |  |  |
|-----------|----------|-----------------|--|--|--|
| Revision: | Date:    | Description:    | Prepared:  | Notes:   | <b>TENSILITY</b><br>tel 1.541.323.3228 800 877.670.7118<br>fax 1.541.323.4202 web tensility.com                |
| A         | 6/2/2021 | Initial release | AW<br><small>Digitally signed by AW<br/>Date: 2021.06.03<br/>11:41:54 -07'00'</small>                        |  |  |
|           |          |                 | Verified:  | Phthalate and halogen free   |  |
|           |          |                 | JC<br><small>Digitally signed by JC<br/>Date: 2021.06.04<br/>15:43:49 -07'00'</small>                        | Description:   | Size: Part number:   |
|           |          |                 | Dimensions are in millimeters.<br>Tolerances:<br>X: $\pm$ 0.5 mm<br>X.X: $\pm$ 0.3 mm<br>X.XX: $\pm$ 0.05 mm | Wire, hook-up, tinned solid core, 20 AWG, UL 11028, 600V, 105C, 1.5 mm, mPPE, orange | A 30-02078   |
|           |          |                 |  |  | Scale: 30:1  Sheet 1 of 1 |

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