

**Ratings**

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

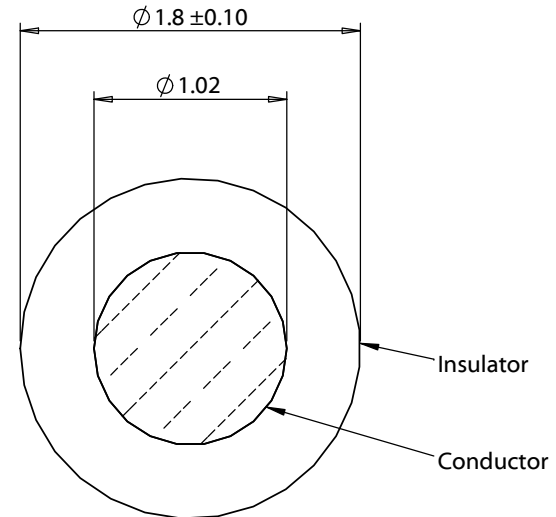
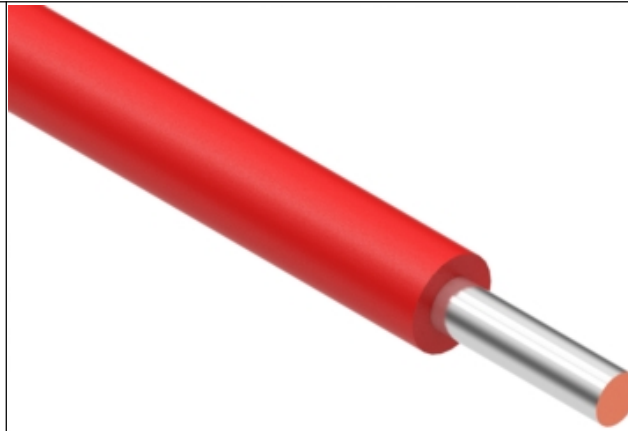
**Conductor**



Conductor count: 1  
 Gauge: 18 AWG 0.82 mm<sup>2</sup>  
 Material: tinned copper  
 Strand size:  $\varnothing$  1.02 mm (solid)  
 Resistance at 20 °C: 22.2  $\Omega$  /km max

**Insulator**

Material: Polyphenylene Ether, Modified (mPPE)  
 Color: red  
 Diameter:  $\varnothing$  1.8  $\pm$  0.10 mm  
 Nominal thickness: 0.37 mm  
 Resistance at 20 °C: 100 M $\Omega$  /km min

**Wire marking:** E339579 UL AWM STYLE 11028 18 AWG 105°C  
 600V VW-1 --- cUL AWM I A/B 105°C 600V FT1 TENSILITY



Revision:	Date:	Description:	Prepared:	Notes: RoHS compliant Phthalate and halogen free	<h1>TENSILITY</h1> <p>tel 1.541.323.3228 800 877.670.7118          fax 1.541.323.4202 web tensility.com</p>
A	6/2/2021	Initial release	Verified:		
			Dimensions are in millimeters. Tolerances: X: $\pm$ 0.5 mm X.X: $\pm$ 0.3 mm X.XX: $\pm$ 0.05 mm	Description:	Size: Part number:
				Wire, hook-up, tinned solid core, 18 AWG, UL 11028, 600V, 105C, 1.8 mm, mPPE, red	A 30-02062
				Scale: 25:1	 

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