

**Ratings**

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

**Conductor**

Conductor count: 1  
 Gauge: 30 AWG 0.05 mm<sup>2</sup>  
 Material: tinned copper strands  
 Strand size: Ø 0.1 mm x 7  
 Resistance at 20 °C: 381 Ω /km max

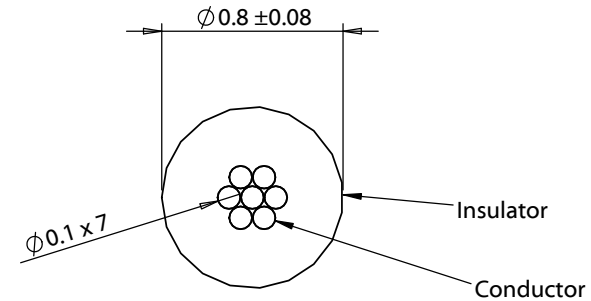
**Insulator**



Material: Polyphenylene Ether, Modified (mPPE)  
 Color: black  
 Diameter: Ø 0.8 ±0.08 mm  
 Nominal thickness: 0.23 mm  
 Resistance at 20 °C: 100 MΩ /km min

**Wire marking:** E339579 UL AWM STYLE 11028 30 AWG 105°C  
 600V VW-1 --- cUL AWM I A/B 105°C 600V FT1 TENSILITY

**Bend radius**

Minimum: 4 times diameter (3.2 mm)



Revision:	Date:	Description:	Prepared:	Notes: RoHS compliant Phthalate and halogen free	<b>TENSILITY</b> tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com
A	3/2/2021	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, 30 AWG, UL 11028, 600V, 105C, 0.8 mm, mPPE, black	A 30-01793
				Scale: 30:1	 

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