

**Ratings**

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

**Conductor**

Conductor count: 1  
 Gauge: 32 AWG 0.04 mm<sup>2</sup>  
 Material: tinned copper strands  
 Strand size: Ø 0.08 mm x 7  
 Resistance at 20 °C: 588 Ω /km max

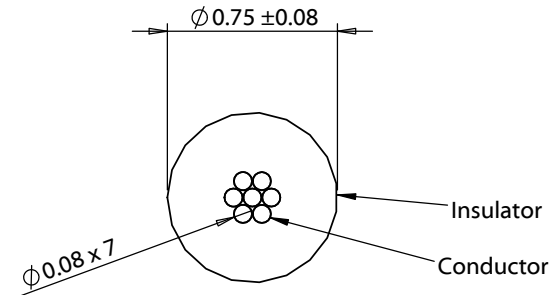
**Insulator**

Material: Polyphenylene Ether, Modified (mPPE)  
 Color: gray  
 Diameter: Ø 0.75 ±0.08 mm  
 Nominal thickness: 0.24 mm  
 Resistance at 20 °C: 100 MΩ /km min

**Wire marking:** E339579 UL AWM STYLE 11028 32 AWG 105°C  
 600V VW-1 --- cUL AWM I A/B 105°C 600V FT1 TENSILITY

**Bend radius**

Minimum: 4 times diameter (3.0 mm)



Revision:	Date:	Description:	Prepared:	Notes:	<h1>TENSILITY</h1> tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com	
A	3/2/2021	Initial release	AG <small>Digitally signed by AG Date: 2021.03.02 17:35:52 -08'00'</small>			RoHS compliant
			Verified:	Phthalate and halogen free	Size:	
			AW <small>Digitally signed by AW Date: 2021.03.05 13:51:48 -08'00'</small>	Description:	Part number:	
			Dimensions are in millimeters.	Wire, hook-up, TS, 32 AWG, UL 11028, 600V, 105C, 0.75 mm, mPPE, gray	A	30-01810
			Tolerances:		Scale: 30:1	Sheet 1 of 1
			X: ± 0.5 mm			
			X.X: ± 0.3 mm			
			X.XX: ± 0.05 mm			

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1