

Ratings

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

Conductor

Conductor count: 1
 Gauge: 28 AWG 0.09 mm²
 Material: tinned copper strands
 Strand size: \varnothing 0.127 mm x 7
 Resistance at 20 °C: 250 Ω /km max

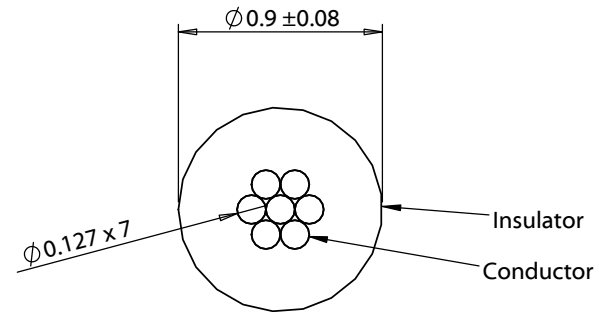
Insulator



Material: Polyphenylene Ether, Modified (mPPE)
 Color: brown
 Diameter: \varnothing 0.9 \pm 0.08 mm
 Nominal thickness: 0.25 mm
 Resistance at 20 °C: 100 M Ω /km min

Wire marking: E339579 UL AWM STYLE 11028 28 AWG 105°C
 600V VW-1 --- cUL AWM I A/B 105°C 600V FT1 TENSILITY

Bend radius

Minimum: 4 times diameter (3.6 mm)



Revision:	Date:	Description:	Prepared:	Notes:	<h1>TENSILITY</h1> <p>tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com</p>		
A	3/2/2021	Initial release	AG <small>Digitally signed by AG Date: 2021.09.23 10:05:45 -07'00'</small>	RoHS compliant			
			Verified: JD <small>Digitally signed by JD Date: 2021.09.23 11:30:32 -07'00'</small>	Phthalate and halogen free	Size: Part number:		
			Dimensions are in millimeters. Tolerances: X: \pm 0.5 mm X.X: \pm 0.3 mm X.XX: \pm 0.05 mm	Description: Wire, hook-up, TS, 28 AWG, UL 11028, 600V, 105C, 0.9 mm, mPPE, brown	A 30-01791		
					Scale: 30:1	 	Sheet 1 of 1

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