

**Ratings**

Voltage: 300 V  
 Temperature: -80~200 °C  
 Flammability: VW-1  
 Oil resistant: 60°C  
 ≥50% elongation and tensile strength after aging

**Conductor**

Conductor count: 1  
 Gauge: 24AWG 0.22 mm<sup>2</sup>  
 Material: tinned copper strands  
 Strand size:  $\varnothing 0.2\text{mm} \times 7$   
 Resistance at 20 °C: 94.2  $\Omega$  /km max

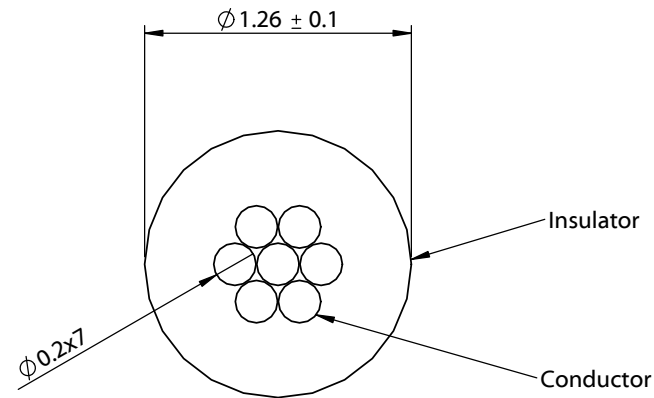
**Insulator**



Material: Fluorinated ethylene propylene (FEP)  
 Color: red  
 Diameter:  $\varnothing 1.26 \pm 0.1$   
 Nominal thickness: 0.33 mm  
 Resistance at 20 °C: 2.5 M $\Omega$  /kft min

**Wire marking:** E339579 UL AWM STYLE 1332 24AWG 200°C 300V  
 VW-1 --- cUL AWM I A/B 200°C 300V FT1 TENSILITY

**Mechanical Tests**

After aging at 232±1°C for 7 days  
 Minimum tensile strength 1.76 kgf/mm<sup>2</sup>  
 Minimum elongation 200% original



Revision:	Date:	Description:	Prepared: <b>PB</b> <small>Digitally signed by PB Date: 2022.05.30 12:45:41 -07'00'</small>	Notes:	<b>TENSILITY</b> <small>tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com</small>
A	5/20/2022	Initial release	Verified: <b>MP</b> <small>Digitally signed by MP Date: 2022.05.31 07:30:24 -07'00'</small>	RoHS compliant  Function test: no open, no short circuit, no intermittent	
			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, TS, 24 AWG, UL 1332, 300V, 200C, 1.26 mm, FEP, red	A 30-02571
				Scale: 28:1	  Sheet 1 of 1

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