

Ratings

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

Conductor

Conductor count: 1
 Gauge: 18 AWG 0.82 mm²
 Material: tinned copper strands
 Strand size: Ø 0.16 mm x 41
 Resistance at 20 °C: 23.2 Ω /km max

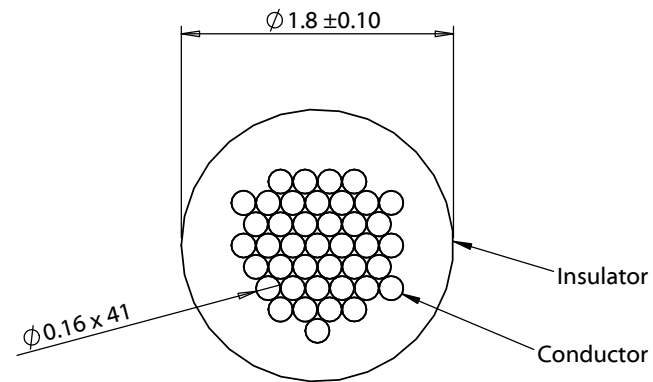
Insulator

Material: Polyphenylene Ether, Modified (mPPE)
 Color: purple
 Diameter: Ø 1.8 ±0.10 mm
 Nominal thickness: 0.29 mm
 Resistance at 20 °C: 100 MΩ /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

Bend radius

Minimum: 4 times diameter (7.2 mm)



Revision:	Date:	Description:	Prepared:	Notes:	TENSILITY tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com
A	2/24/2021	Initial release	AG <small>Digitally signed by AG Date: 2021.02.24 11:17:05 -08'00'</small>	RoHS compliant	
			Verified:	Phthalate and halogen free	Size: Part number: A 30-01739
			AW <small>Digitally signed by AW Date: 2021.03.04 14:27:33 -08'00'</small>	Description:	
			Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	Wire, hook-up, TS, 18 AWG, UL 11028, 600V, 105C, 1.8 mm, mPPE, purple	Scale: 20:1
					Sheet 1 of 1

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