

**Ratings**

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

**Conductor**

Conductor count: 1  
Gauge: 16 AWG 1.34 mm<sup>2</sup>  
Material: tinned copper strands  
Strand size: Ø0.3 mm x 19  
Resistance at 20 °C: 14.6 Ω /km max

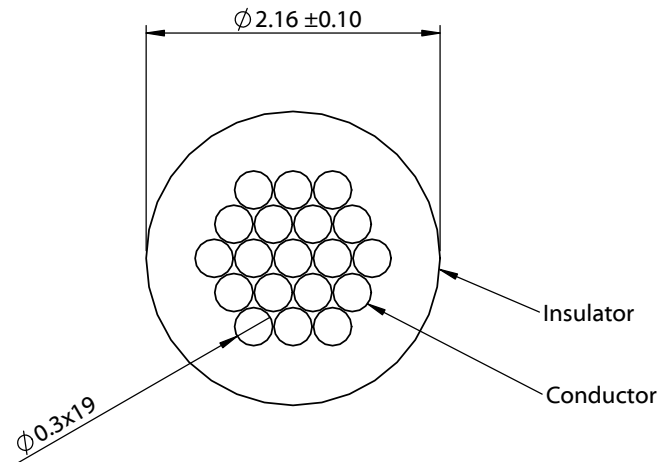
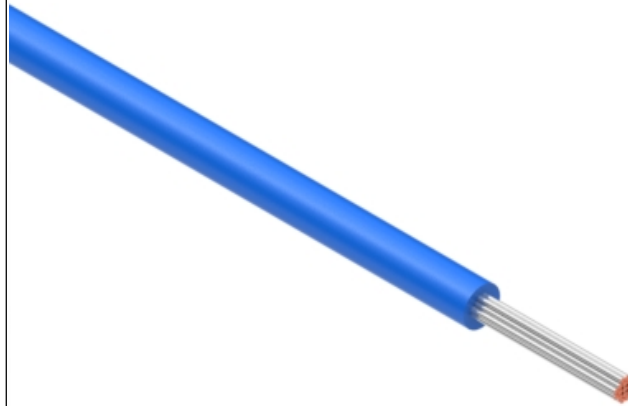
**Insulator**

Material: Fluorinated ethylene propylene (FEP)  
Color: blue  
Diameter: Ø2.16 ±0.10 mm  
Nominal thickness: 0.33 mm  
Resistance at 20 °C: 2.5 MΩ /kft min

**Wire marking:** E339579 UL AWM STYLE 1332 16AWG 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:
A	5/23/2022	Initial release

Prepared: **MP**  
Digitally signed By MP Date: 2022.05.24 12:48:16 -0700

Verified: **PB**  
Digitally signed by PB Date: 2022.05.27 12:26:17 -0700

Dimensions are in millimeters.  
Tolerances:  
X: ± 0.5 mm  
X.X: ± 0.3 mm  
X.XX: ± 0.05 mm

Notes:  
RoHS compliant


Function test: no open, no short circuit, no Intermittent

Description:  
Wire, hook-up, TS, 16 AWG, UL 1332, 300V, 200C, 2.16 mm, FEP, blue

**TENSILITY**

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Size: A Part number: 30-02535

Scale: 18:1  Sheet 1 of 1