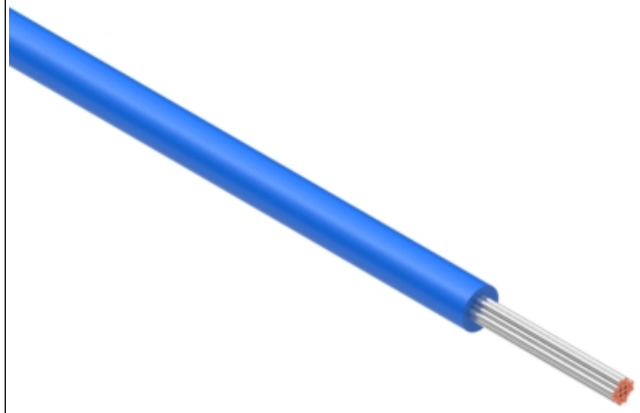
Ratings
Voltage: 300 V
Temperature: -80~200 °C
Flammability: VW-1
Oil resistance: 60 °C
≥50% elongation and tensile strength after aging

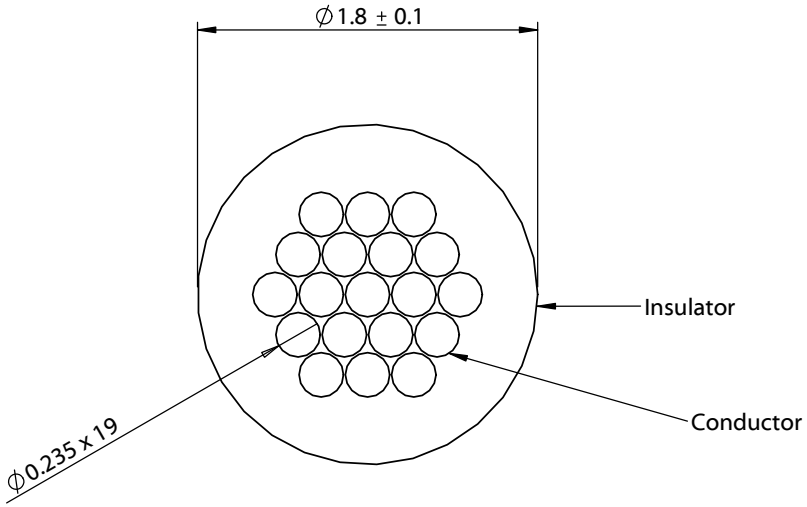
Conductor
Conductor count: 1
Gauge: 18 AWG 0.82 mm²
Material: tinned copper strands
Strand size: Ø0.235 mm x 19
Resistance at 20 °C: 23.2 Ω /km max

Insulator
Material: Fluorinated ethylene propylene (FEP)
Color: blue
Diameter: ∅1.8 ± 0.1
Nominal thickness: 0.33 mm
Resistance at 20 °C: 2.5 MΩ /kft min

Wire marking: E339579 UL AWM STYLE 1332 18AWG 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/mm²
Minimum elongation 200% original





Revision:	Date:	Description:
A	05/23/2022	Initial release

Prepared: MP Digitally signed by MP Date: 2022.05.24 15:52:55 -07'00'

Verified: PB Digitally signed by PB Date: 2022.05.27 14:08:04 -07'00'

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, 18 AWG, UL 1332, 300V, 200C, 1.8 mm, FEP, blue

TENSILITY
tel 1.541.323.3228 800 877.670.7118
fax 1.541.323.4202 web tensility.com

Size: A
Part number: 30-02545
Scale: 25:1
Sheet 1 of 1

To see a custom version of this cable assembly, call Tensility at 541-323-3228 or email engineering@tensility.com

5 4 3 2 1