

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

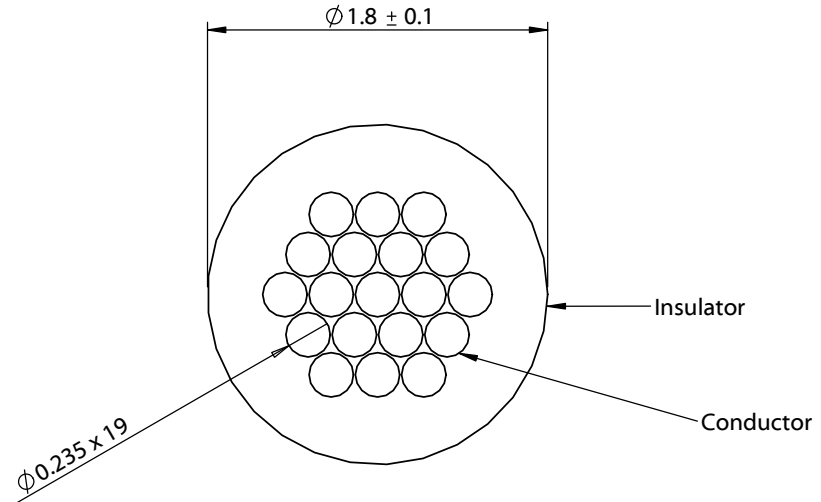
Insulator

Material: Fluorinated ethylene propylene (FEP)
 Color: green
 Diameter: Ø 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



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|-----------|------------|-----------------|--|--|---|
| Revision: | Date: | Description: | Prepared: | Notes: RoHS compliant | TENSILITY tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com |
| A | 05/23/2022 | Initial release | Verified: | | |
| | | | Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm | Description: | Size: Part number: |
| | | | | Wire, hook-up, TS, 18 AWG, UL 1332, 300V, 200C, 1.8 mm, FEP, green | A 30-02546 |
| | | | | Scale: 25:1 | |

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