

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: 30AWG 0.05 mm²
 Material: tinned copper strands
 Strand size: Ø 0.1mm x7
 Resistance at 20 °C: 381 Ω /km max

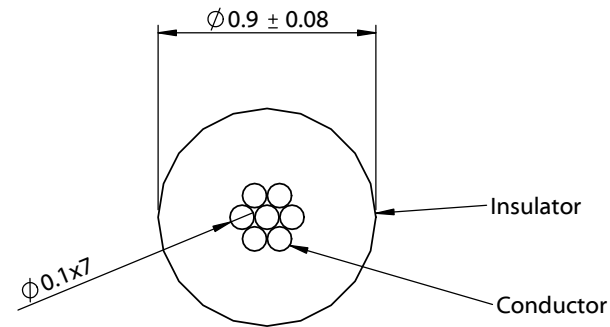
Insulator

Material: Fluorinated ethylene propylene (FEP)
 Color: green
 Diameter: Ø0.9 ± 0.08
 Nominal thickness: 0.33 mm
 Resistance at 20 °C: 2.5 MΩ /kft min

Wire marking: E339579 UL AWM STYLE 1332 30AWG 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: PB <small>Digitally signed by PB Date: 2022.05.30 14:00:46 -07'00'</small> | Notes: | TENSILITY <small>tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com</small> |
| A | 5/23/2022 | Initial release | Verified: MP <small>Digitally signed by MP Date: 2022.05.31 07:55:53 -07'00'</small> | RoHS compliant Function test: no open, no short circuit, no intermittent | |
| | | | Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm | Description: Wire, hook-up, TS, 30 AWG, UL 1332, 300V, 200C, 0.9 mm, FEP, green | Size: A Part number: 30-02606 |
| | | | | | Scale: 32:1 Sheet 1 of 1 |

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