

Ratings

Voltage: 300 V
 Temperature: -25 ~ 80 °C
 Flammability: VW-1

Conductor

Conductor count: 2
 Gauge: 24 AWG 0.22 mm²
 Material: tinned copper strands
 Strand size: $\varnothing 0.16 \times 11$
 Resistance at 20 °C: 94.2 Ω /km max

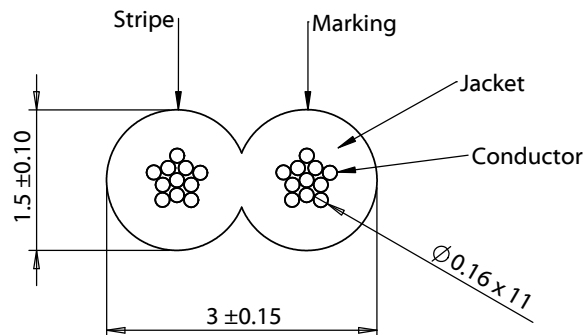
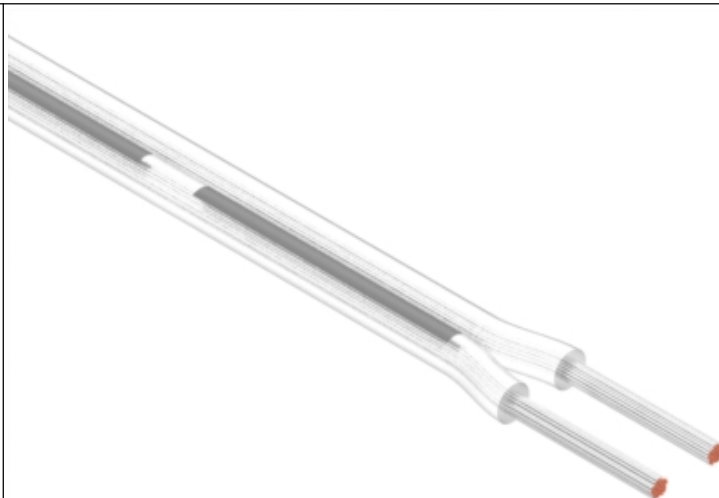
Outer jacket

Material: PVC
 Color: clear
 Diameter: 3 ± 0.15 mm
 Nominal thickness: 0.42 mm
 Resistance at 20 °C: 10 M Ω /km min

Wire marking: E339579 UL AWM STYLE 2468 24 AWG 80°C
 300V VW-1 --- cUL AWM I A 80°C 300V FT1 TENSILITY

Tests

Insulation tensile strength: 2.11 kgf/mm²
 Jacket tensile strength: 1.05 kgf/mm²
 After aging at 113 ± 2 °C for 7 days:
 Minimum tensile strength 70 % original
 Minimum elongation 65 % original
 Heat shock: 121 ± 1 °C /1 hour, no observed degradation
 Deformation: 121 ± 1 °C /1 hour, ≤ 50 %
 Cold bend: -10 ± 2 °C /1 hour, no observed cracking



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|-----------|------------|---------------------------------------|--|--|---|
| Revision: | Date: | Description: | Prepared: AW <small>Digitally signed by AW Date: 2018.09.06 11:37:54 -07'00'</small> | Notes: | TENSILITY tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com |
| A | 07/08/2014 | Initial release | Verified: PS <small>Digitally signed by PS Date: 2018.09.06 12:46:53 -07'00'</small> | RoHS and REACH compliant | |
| A1 | 01/08/2016 | Corrected tolerances | Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm | Function test: no open, no short circuit, no intermittent | Size: A Part number: 30-00406 |
| A2 | 09/06/2018 | Increased operating temperature range | | Description: Wire, 2C TS, 24 AWG, UL2468, 300V, 80C, 3.0 mm, VW-1, PVC, clear | |
| | | | | | Sheet 1 of 1 |

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