

Ratings

Voltage: 600 V
 Temperature: -40~105 °C
 Flammability: FT2

Conductor

Conductor count: 2
 Gauge: 18 AWG 0.82 mm²
 Material: tinned copper strands
 Strand size: Ø 0.16 mm x 41
 Resistance at 20 °C: 23.2 Ω /km max

Insulator

Material: mPPE
 Color: black, red
 Diameter: Ø 1.8 ±0.10 mm
 Average thickness: 0.29 mm
 Minimum thickness: 0.23 mm
 Resistance at 20 °C: 100 MΩ /km min

Shield

Type: foil
 Material: aluminum mylar
 Coverage: 100%

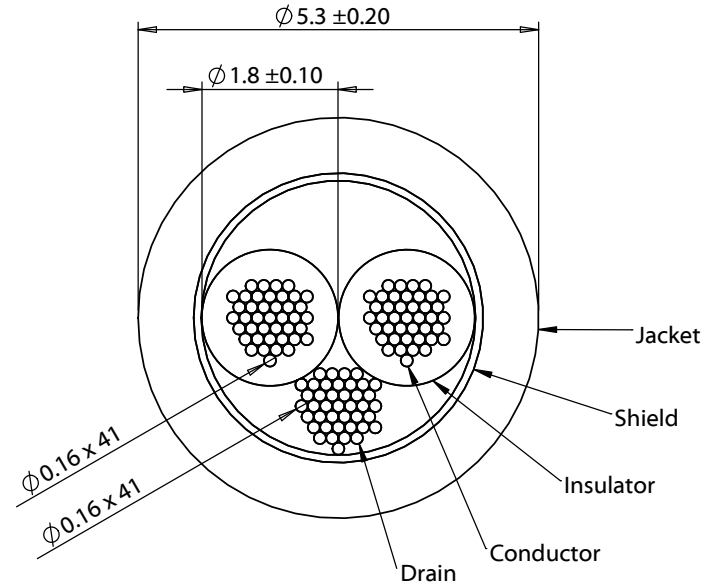
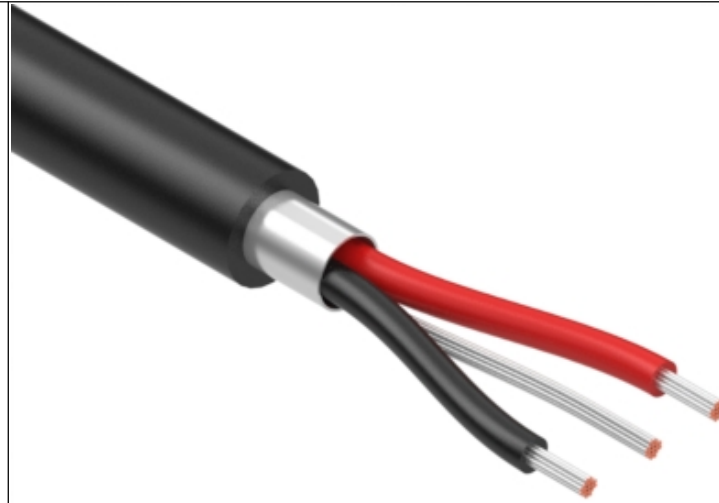
Outer jacket

Material: mPPE, 85A
 Color: black
 Diameter: Ø 5.3 ±0.20 mm
 Average thickness: 0.80 mm
 Minimum thickness: 0.56 mm

Wire marking: E339579 UL AWM STYLE 21509 18 AWG 105°C 600V --- cUL AWM I A 105°C 600V FT2 TENSILITY

Bend radius

Minimum: 6 times diameter (31.8 mm)



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|-----------|----------|-----------------|---|---|---|
| Revision: | Date: | Description: | Prepared: | Notes: | <h1>TENSILITY</h1> <p>tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com</p> |
| A | 4/7/2020 | Initial release | JC <small>Digitally signed by JC Date: 2020.04.20 12:10:08 -07'00'</small> | RoHS compliant | |
| | | | Verified: | Phthalate and halogen free | Size: Part number: |
| | | | AW <small>Digitally signed by AW Date: 2020.04.20 12:12:03 -07'00'</small> | Description: | A 30-01402 |
| | | | Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm | Wire, 2C TS, 18 AWG, 21509, 600V, 105C, 5.3 mm, shielded, FT2, mPPE | Scale: 10:1 |
| | | | | | Sheet 1 of 1 |

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