

Ratings

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

Conductor

Conductor count: 7
 Gauge: 32 AWG 0.04 mm²
 Material: tinned copper strands
 Strand size: ϕ 0.08 x 7
 Resistance at 20 °C: 588 Ω /km max

Insulator

Material: mPPE
 Color: red, black, white, yellow, blue, green, orange
 Diameter: ϕ 0.75 \pm 0.08 mm
 Average thickness: 0.24 mm
 Minimum thickness: 0.19 mm
 Resistance at 20 °C: 100 M Ω /km min

Shield

Type: foil
 Material: aluminum mylar
 Coverage: 100%

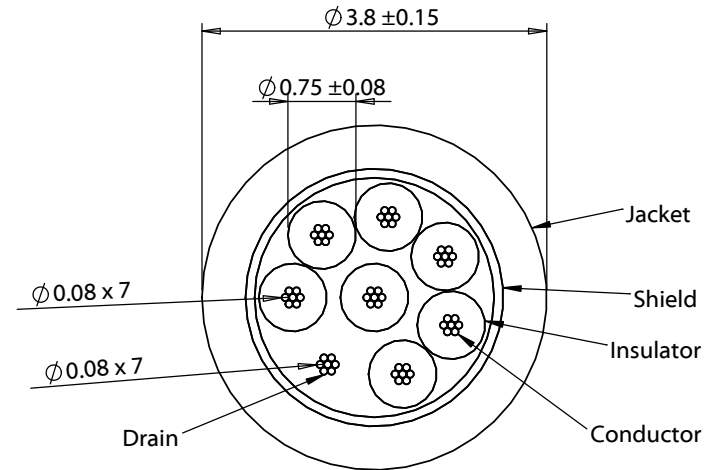
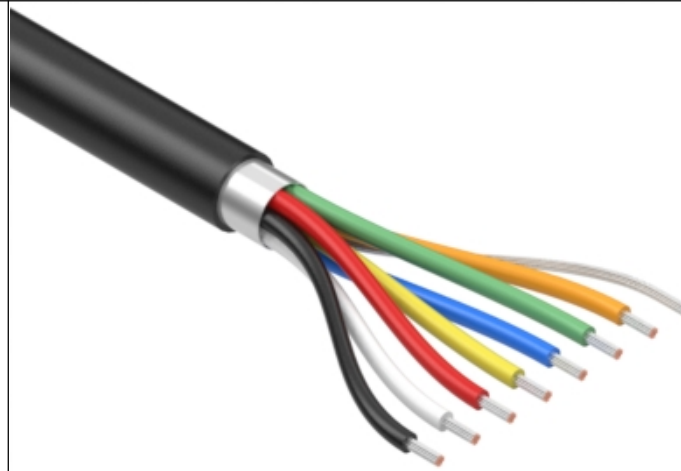
Outer jacket

Material: mPPE, 85A
 Color: black
 Diameter: ϕ 3.8 \pm 0.15 mm
 Average thickness: 0.72 mm
 Minimum thickness: 0.5 mm

Wire marking: E339579 UL AWM STYLE 21509 32 AWG 105°C 600V --- cUL AWM I A 105°C 600V FT2 TENSILITY

Bend radius

Minimum: 6 times diameter (22.8 mm)



| | | | | | |
|-----------|-----------|-----------------|---|---|---|
| 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 | 4/20/2020 | Initial release | AW <small>Digitally signed by AW Date: 2020.04.21 13:41:28 -07'00'</small> | RoHS compliant | |
| | | | Verified: | Phthalate and halogen free | Size: Part number: A 30-01496 |
| | | | JC <small>Digitally signed by JC Date: 2020.04.22 10:06:04 -07'00'</small> | Description: | |
| | | | Dimensions are in millimeters. Tolerances: X: \pm 0.5 mm X.X: \pm 0.3 mm X.XX: \pm 0.05 mm | Wire, 7C TS, 32 AWG, 21509, 600V, 105C, 3.8 mm, shielded, FT2, mPPE | Scale: 12:1 |
| | | | | | |
| | | | | | Sheet 1 of 1 |

5

4

3

2

1