**Ratings**
Voltage: 300 V
Temperature: -40~105 °C
Flammability: VW-1

**Conductor**
Conductor count: 8
Gauge: 18 AWG 0.82 mm²
Material: tinned copper strands
Strand size: ∅0.127 x 65
Resistance at 20 °C: 23.2 Ω /km max

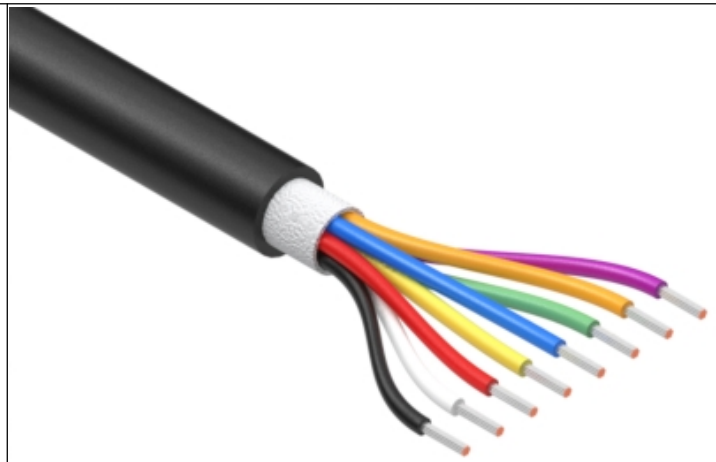
**Insulator**
Material: FEP
Color: red, black, white, yellow, blue, green, orange, purple
Diameter: ∅1.5 ±0.10
Nominal thickness: 0.13 mm
Resistance at 20 °C: 10 MΩ /km min

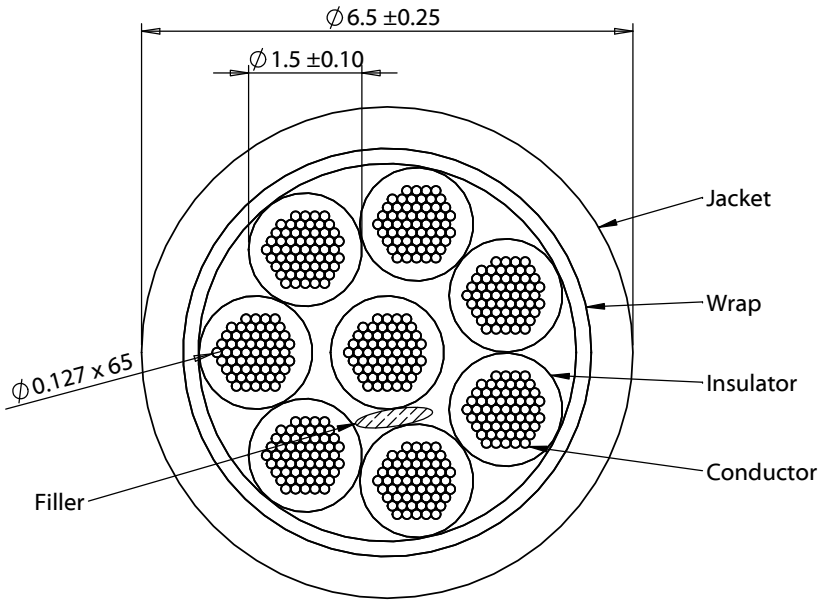
**Filler**
Material: aramid fiber

**Wrap**
Material: cotton paper

**Outer jacket**
Material: TPE
Color: black
Diameter: ∅6.5 ±0.25
Nominal thickness: 0.6 mm

**Wire marking**: E339579 UL AWM STYLE 21296 18 AWG 105°C 300V VW-1 - - - cUL AWM I A 105°C 300V FT1 TENSILITY DGT






| Revision: | Date: | Description: |
|---|---|---|
| A | 4/28/2021 | Initial release |
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| | | |
| | | |

Prepared: AW Digitally signed by AW Date: 2021.05.05 15:49:48 -07'00'

Verified: JC Digitally signed by JC Date: 2021.05.10 15:25:23 -07'00'

Dimensions are in millimeters.
Tolerances:
X: ± 0.5 mm
X.X: ± 0.3 mm
X.XX: ± 0.05 mm

Notes:
RoHS compliant
Phthalate free
Function test: no open, no short circuit, no intermittent

Description:
Wire, 8C TS, 18 AWG, UL 21296, 300V, 105C, 6.5 mm, TPE


TENSILITY
tel 1.541.323.3228 800 877.670.7118
fax 1.541.323.4202 web tensility.com


Size: A
Part number: 30-01948
Scale: 10:1
Sheet 1 of 1


To see a custom version of this cable assembly, call Tensility at 541-323-3228 or email engineering@tensility.com


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