Ratings
Temperature: -25°C~80°C
Flammability: FT2

Twisted Pair (2PR)
Voltage: 30 V
Gauge: 28 AWG 0.09 mm²
Color: white/green, white/blue
Conductor: tinned copper strands, Ø 0.127 mm x 7
Conductor resistance at 20 °C: 239 Ω /km max
Insulation
Material: foamed PE
Diameter: ∅0.85 ±0.10 mm
Thickness: 0.23 mm nominal
Resistance at 20 °C: 10 MΩ /km min
Twisted pair characteristic impedance: 100 Ω

Power Wire (2C)
Voltage: 300V
Gauge: 22 AWG 0.35 mm²
Color: red (power), black (ground)
Conductor: tinned copper strands, Ø0.127 x 26
Conductor resistance at 20 °C: 59.4 Ω /km max
Insulation
Material: SR-PVC, 90A
Diameter: ∅1.35 ±0.10 mm
Thickness: 0.3 mm nominal
Resistance at 20 °C: 10 MΩ /km min

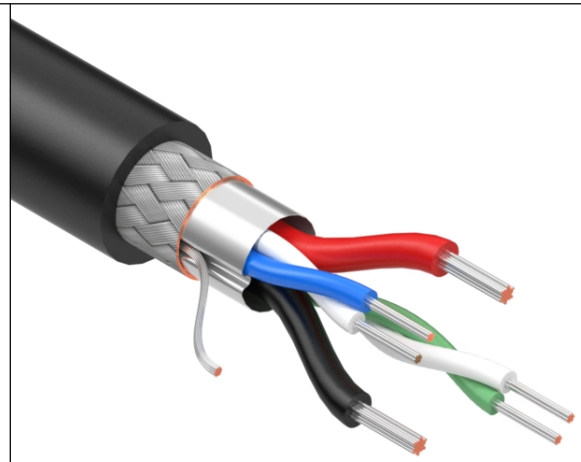
Power marking: E339579 UL AWM STYLE 1061 80°C 300V - - - cUL AWM I A 80°C 300V FT2 TENSILITY

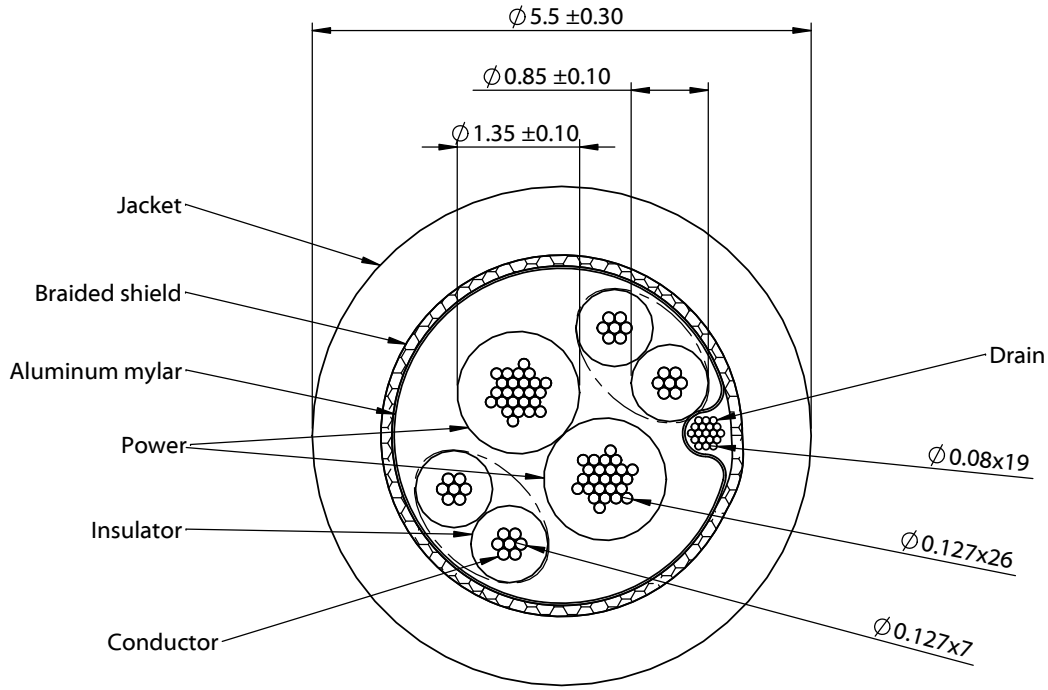
Shield
Type: aluminum mylar + tinned copper braid
Stranding: Ø0.08
Coverage: 65% min braid, 100% foil

Drain
Stranding: Ø0.08 x 19
Material: tinned copper strands

Outer jacket
Material: PVC, 79A
Color: black
Style: round
Diameter: ∅5.5 ±0.30 mm
Nominal thickness: 0.9 mm

Jacket marking: E339579 UL AWM STYLE 2725 28AWG/2P+22AWG/2C 80°C 30V - - - cUL AWM I/II A 80°C 30V FT2 TENSILITY





Revision:	Date:	Description:
A	2/28/22	Initial release

Prepared: JD Digitally signed by JD Date: 2023.04.25 11:01:25 -07'00'

Verified: PB Digitally signed by PB Date: 2023.04.25 12:55:04 -07'00'

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

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

Description:
Wire, 2PR TS 28 AWG, 2C TS 22 AWG, UL2725, 30V, 80C, 5.5 mm, shielded, FT2, PVC

TENSILITY
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Size: A
Part number: 30-02484
Scale: 12:1
Sheet 1 of 1

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

5 4 3 2 1