

**Ratings**

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

**Twisted Pair (2PR)**

Voltage: 30 V  
Gauge: 24 AWG 0.2 mm<sup>2</sup>  
Color: white/green, white/blue  
Conductor: tinned copper strands, Ø 0.1 mm x 26  
Conductor resistance at 20 °C: 94.2 Ω /km max  
Insulation  
Material: foamed PE  
Diameter: Ø 1.2 ±0.10 mm  
Thickness: 0.3 mm nominal  
Resistance at 20 °C: 10 MΩ /km min  
Twisted pair characteristic impedance: 100 Ω

**Power Wire (2C)**

Voltage: 300V  
Gauge: 20 AWG 0.52 mm<sup>2</sup>  
Color: red (power), black (ground)  
Conductor: tinned copper strands, Ø0.127 x 41  
Conductor resistance at 20 °C: 36.7 Ω /km max  
Insulation  
Material: SR-PVC, 90A  
Diameter: Ø 1.55 ±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 FT2 --- cUL AWM I A 80°C 300V FT2 TENSILITY

**Shield**

Type: aluminum mylar + tinned copper braid  
Stranding: Ø0.1mm  
Coverage: 65% min braid, 100% foil

**Drain**

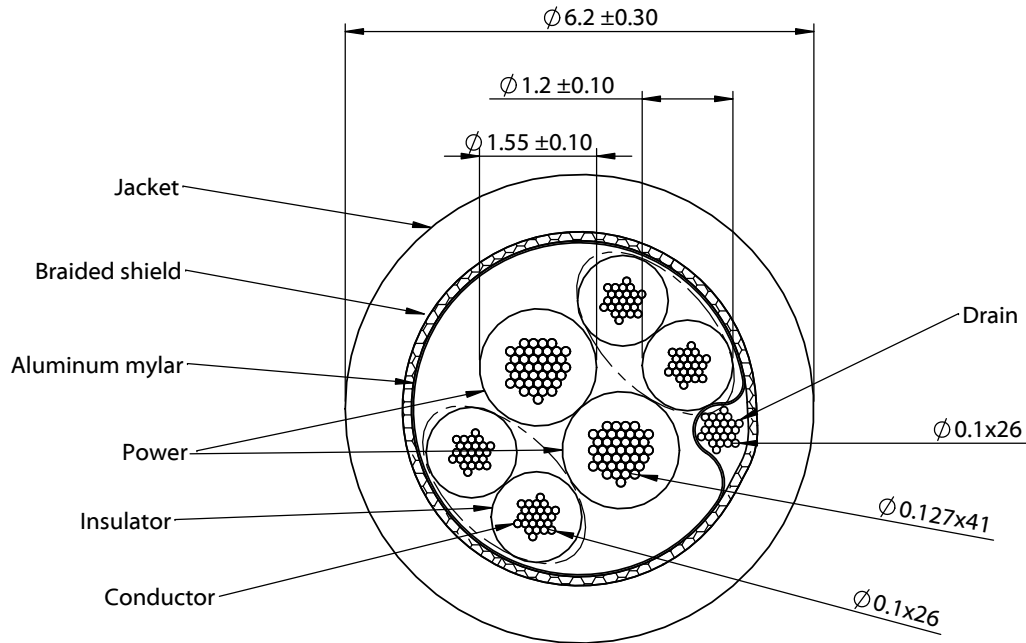
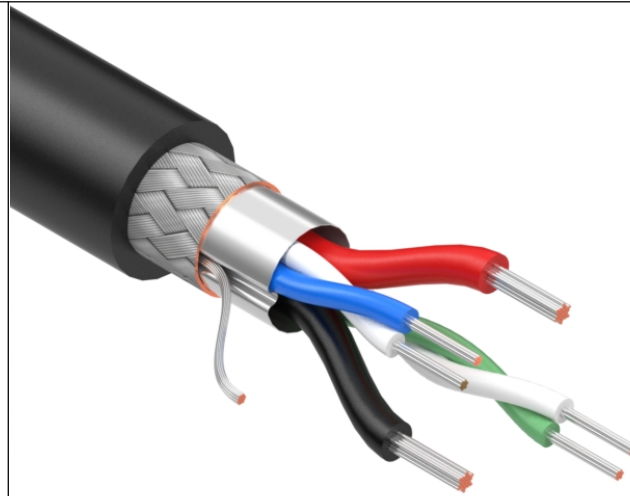
Stranding: Ø0.1mm x 26  
Material: tinned copper strands

**Outer jacket**

Material: PVC, 79A  
Color: black  
Style: round  
Diameter: Ø 6.2 ±0.30 mm  
Nominal thickness: 0.65 mm

**Jacket marking:** E339579 UL AWM STYLE 2725

24AWG/2P+20AWG/2C 80°C 30V --- cUL AWM I/II A 80°C 30V FT2 TENSILITY



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

Prepared:
Verified:
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 24 AWG, 2C TS 20 AWG, UL2725, 30V, 80C, 6.2 mm, shielded, FT2, PVC

**TENSILITY**

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Size: A	Part number: 30-02485
Scale: 10:1	Sheet 1 of 1