

Ratings

Temperature: -25~80 °C
 Flammability: FT2

Twisted Pair (3PR)

Voltage: 30 V
 Gauge: 24 AWG 0.2 mm²
 Color: green/white, blue/white, orange/white
 Conductor: tinned copper strands, $\phi 0.1 \times 26$
 Conductor resistance at 20 °C: 94.2 Ω /km max
 Insulation
 Material: foamed PE
 Diameter: $\phi 1.2 \pm 0.1$
 Thickness: 0.3 mm nominal
 Resistance at 20 °C: 10 M Ω /km min
 Twisted pair characteristic impedance: 100 Ω

Power Wire (2C)

Voltage: 300 V
 Gauge: 20 AWG 0.52 mm²
 Color: red (power), black (ground)
 Conductor: tinned copper strands, $\phi 0.127 \times 41$
 Conductor resistance at 20 °C: 36.7 Ω /km max
 Insulation
 Material: SR-PVC, 90A
 Diameter: $\phi 1.55 \pm 0.1$
 Thickness: 0.3 mm nominal
 Resistance at 20 °C: 10 M Ω /km min

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

Shield

Type: aluminium mylar + tinned copper braid
 Stranding: $\phi 0.1$
 Coverage: 65% min braid, 100% foil

Drain

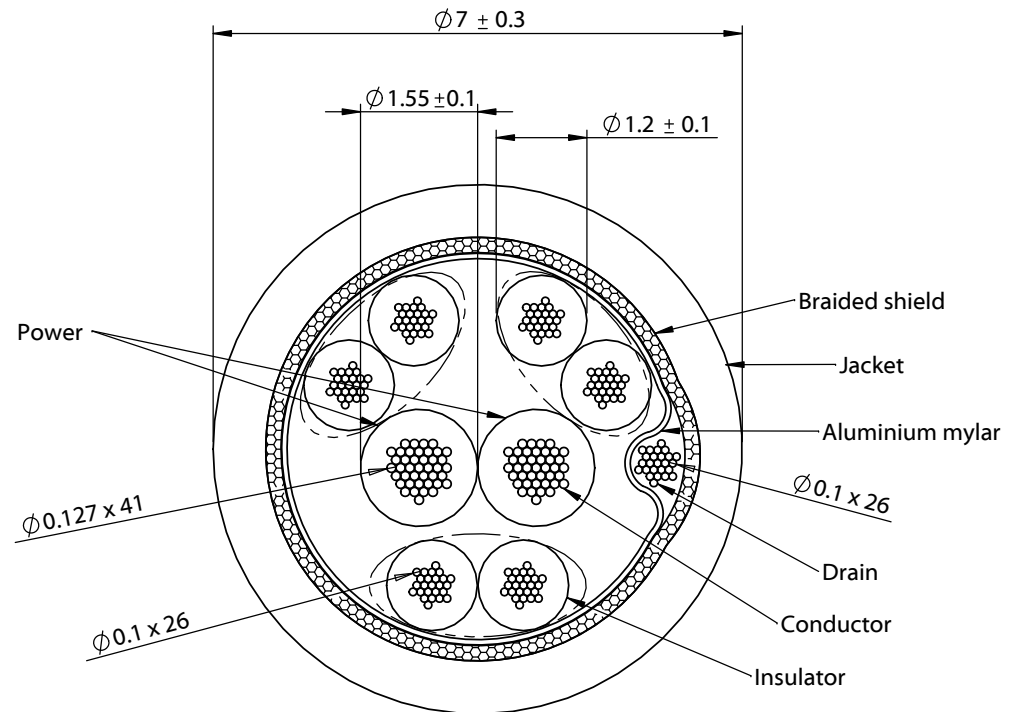
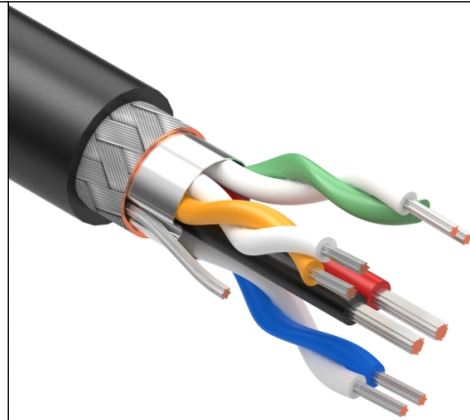
Stranding: $\phi 0.1 \times 26$
 Material: tinned copper strands

Outer jacket

Material: PVC, 79A
 Color: black
 Style: round
 Diameter: $\phi 7 \pm 0.3$
 Nominal thickness: 0.8 mm

Jacket marking: E339579 UL AWM STYLE 2725

24AWG/3P+20AWG/2C 80°C 30V --- cUL AWM I/II A 80°C 30V FT2 TENSILITY



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	2/28/22	Initial release	Verified:	RoHS compliant	
			Dimensions are in millimeters. Tolerances:	Function test: no open, no short circuit, no intermittent	
			X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	Description: Wire, 3PR TS 24 AWG, 2C TS 20 AWG, UL2725, 30V, 80C, 7.0 mm, shielded, FT2, PVC	
			Size:	Part number:	Scale: 10:1 Sheet 1 of 1
			A	30-02487	