

**Ratings**

Temperature: -25~80°C  
Flammability: FT2

**Twisted Pair (4PR)**

Voltage: 30 V  
Gauge: 28 AWG 0.09 mm<sup>2</sup>  
Color: green/white, blue/white, orange/white, brown/white  
Conductor: tinned copper strands,  $\phi 0.127 \times 7$   
Conductor resistance at 20 °C: 239  $\Omega$  /km max  
Insulation  
Material: foamed PE  
Diameter:  $\phi 0.85 \pm 0.1$   
Thickness: 0.23 mm nominal  
Resistance at 20 °C: 10 M $\Omega$  /km min  
Twisted pair characteristic impedance: 100  $\Omega$

**Power Wire (2C)**

Voltage: 300 V  
Gauge: 22 AWG 0.35 mm<sup>2</sup>  
Color: red (power), black (ground)  
Conductor: tinned copper strands,  $\phi 0.127 \times 26$   
Conductor resistance at 20 °C: 59.4  $\Omega$  /km max  
Insulation  
Material: SR-PVC, 90A  
Diameter:  $\phi 1.35 \pm 0.1$   
Thickness: 0.3 mm nominal  
Resistance at 20 °C: 10 M $\Omega$  /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:  $\phi 0.08$   
Coverage: 65% min braid, 100% foil

**Drain**

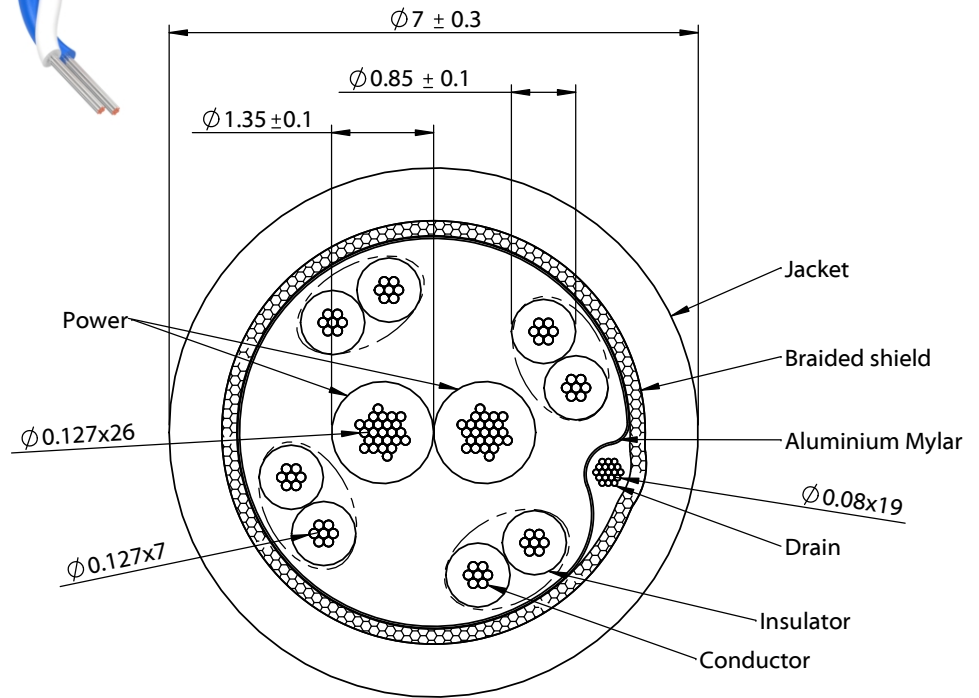
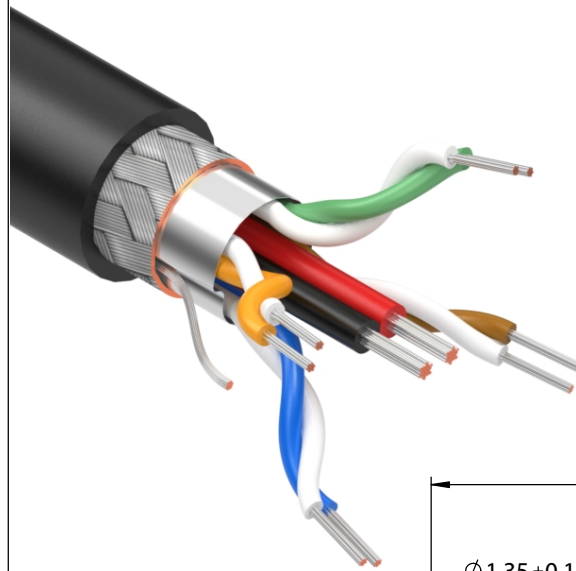
Stranding:  $\phi 0.08 \times 19$   
Material: tinned copper strands

**Outer jacket**

Material: PVC, 79A  
Color: black  
Style: round  
Diameter:  $\phi 7 \pm 0.3$   
Nominal thickness: 0.9 mm

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

28AWG/4P+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:
Verified:
Dimensions are in millimeters. Tolerances: X: $\pm 0.5$ mm X.X: $\pm 0.3$ mm X.XX: $\pm 0.05$ mm

Notes: RoHS compliant
Function test: no open, no short circuit, no intermittent
Description: Wire, 4PR TS 28 AWG, 2C TS 22 AWG, UL2725, 30V, 80C, 7 mm, shielded, FT2, PVC

**TENSILITY**

tel 1.541.323.3228 800 877.670.7118  
fax 1.541.323.4202 web tensility.com

Size: A	Part number: 30-02488
Scale: 10:1	Sheet 1 of 1