

Ratings

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

Twisted Pair (2PR)

Voltage: 30 V
Gauge: 24 AWG 0.2 mm²
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 mm²
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

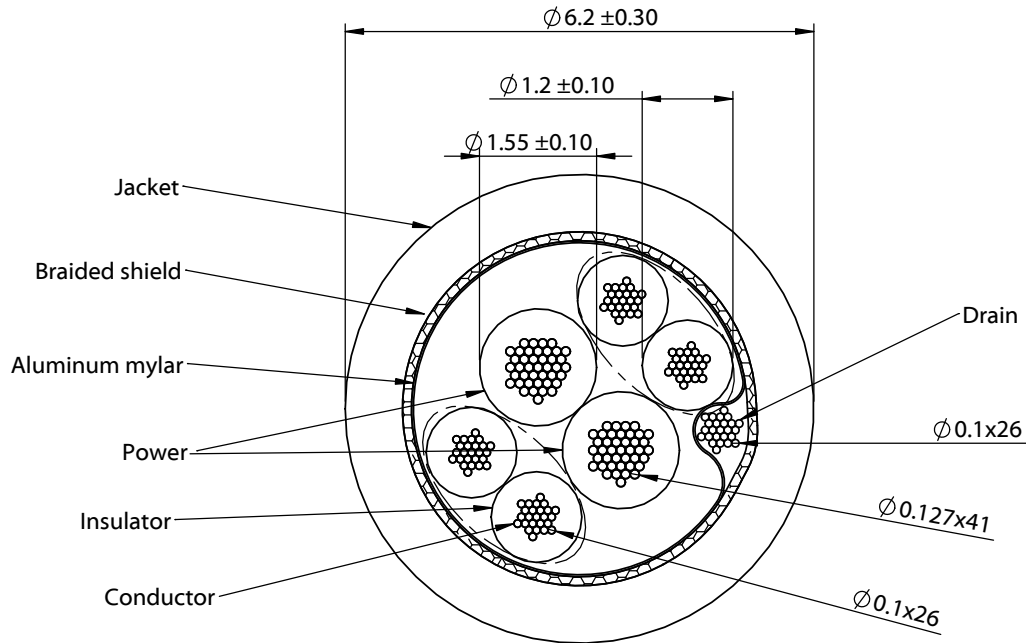
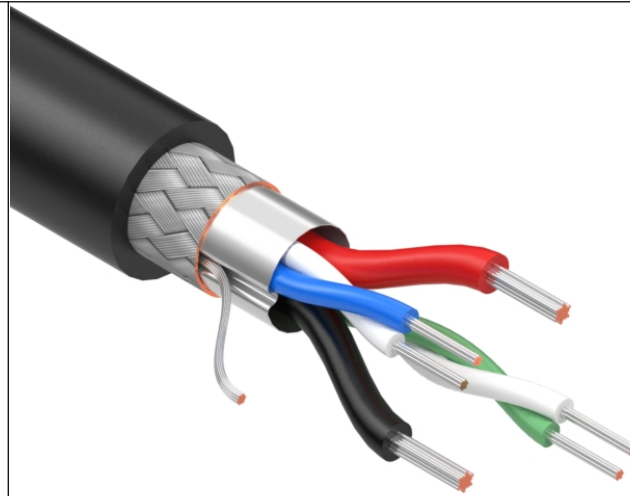
Drain

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: JD
Digitally signed by JD
Date: 2023.04.25
11:13:15 -07'00'

Verified: PB
Digitally signed by PB
Date: 2023.04.25
12:55:40 -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 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

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