

Ratings

Voltage: 600 V
 Temperature: -40~105 °C
 Flammability: FT2

Conductor

Conductor count: 3
 Gauge: 20 AWG 0.52 mm²
 Material: tinned copper strands
 Strand size: $\varnothing 0.16 \times 26$
 Resistance at 20 °C: 36.7 Ω /km max

Insulator

Material: mPPE
 Color: red, black, white
 Diameter: $\varnothing 1.5 \pm 0.10$ mm
 Average thickness: 0.26 mm
 Minimum thickness: 0.21 mm
 Resistance at 20 °C: 100 M Ω /km min

Shield

Type: foil
 Material: aluminum mylar
 Coverage: 100%

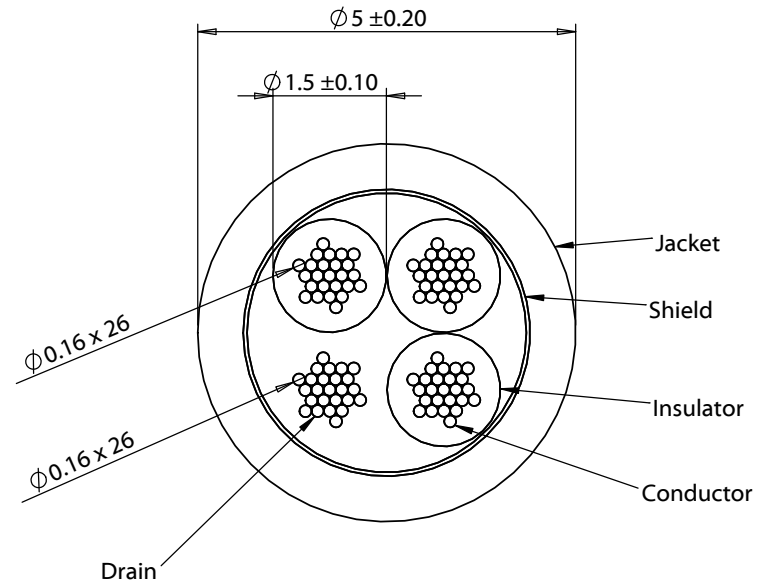
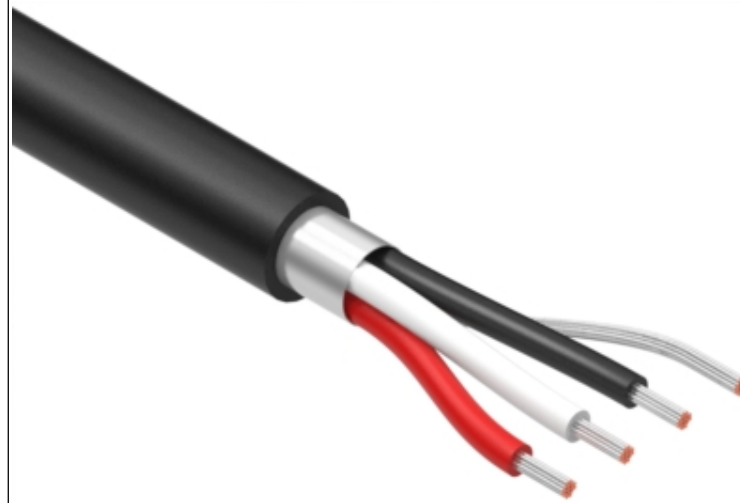
Outer jacket

Material: mPPE, 85A
 Color: black
 Diameter: $\varnothing 5 \pm 0.20$ mm
 Average thickness: 0.83 mm
 Minimum thickness: 0.58 mm

Wire marking: E339579 UL AWM STYLE 21509 20 AWG 105°C 600V --- cUL AWM I A 105°C 600V FT2 TENSILITY

Bend radius

Minimum: 6 times diameter (30 mm)



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	4/20/2020	Initial release	JC <small>Digitally signed by JC Date: 2020.04.20 15:48:56 -07'00'</small>	RoHS compliant	
			Verified:	Phthalate and halogen free	Size: Part number:
			AW <small>Digitally signed by AW Date: 2020.04.21 08:13:09 -07'00'</small>	Description:	A 30-01420
			Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	Wire, 3C TS, 20 AWG, 21509, 600V, 105C, 5 mm, shielded, FT2, mPPE	Scale: 10:1
					Sheet 1 of 1

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