

Ratings

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

Conductor

Conductor count: 4
Gauge: 24 AWG 0.21 mm²
Material: tinned copper strands
Strand size: Ø 0.08 mm x 41
Resistance at 20 °C: 94.2 Ω /km max

Insulator

Material: mPPE
Color: red, black, white, green
Diameter: Ø 1.1 ±0.10 mm
Average thickness: 0.24 mm
Minimum thickness: 0.19 mm
Resistance at 20 °C: 100 MΩ /km min

Shield

Type: foil
Material: aluminum mylar
Coverage: 100%

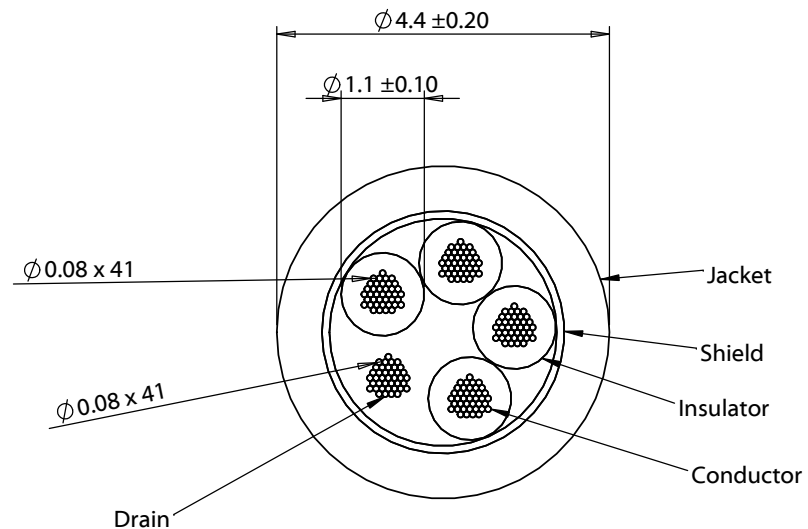
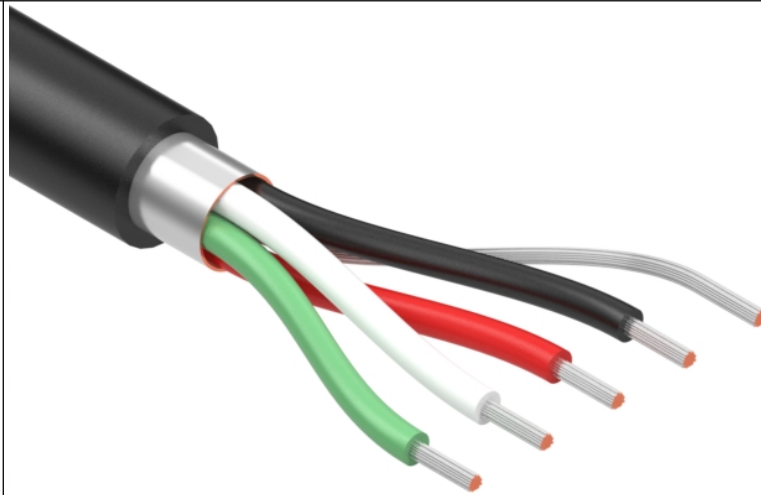
Outer jacket

Material: mPPE, 85A
Color: black
Diameter: Ø 4.4 ±0.20 mm
Average thickness: 0.82 mm
Minimum thickness: 0.57 mm

Wire marking: E339579 UL AWM STYLE 21509 24 AWG 105°C
600V --- cUL AWM I A 105°C 600V FT2 LF TENSILITY

Bend radius

Minimum: 6 times diameter (26.4 mm)



Revision:	Date:	Description:	Prepared:	Notes:	TENSILITY tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com		
A	10/31/2023	Initial release	Verified:	RoHS compliant Phthalate and halogen free			
			Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	Description: Wire, 4C TS, 24 AWG, 21509, 600V, 105C, 4.4 mm, shielded, FT2, mPPE	Size: A	Part number: 30-03368	Sheet 1 of 1
					Scale: 10:1		

5

4

3

2

1