

Ratings

Temperature: -40 to 70 °C

Voltage: 150 V

ConductorGauge: 24 AWG 0.21 mm²

Material: tinned copper strands

Strand size: $\varnothing 0.08 \times 41$ Resistance at 20 °C: 95 Ω /km max**Insulator**

Material: HDPE

Color: gray, purple, orange, green, blue, yellow, white, black, red

Diameter: $\varnothing 1.05 \pm 0.10$ mm

Nominal thickness: 0.15 mm

Resistance at 20 °C: 1000 M Ω /km min**Shield**

Type: spiral

Material: tinned copper strands

Stranding: $\varnothing 0.08$ mm

Coverage: 90 % min

Outer jacket

Material: TPU

Color: black

Nominal thickness: 0.50 mm

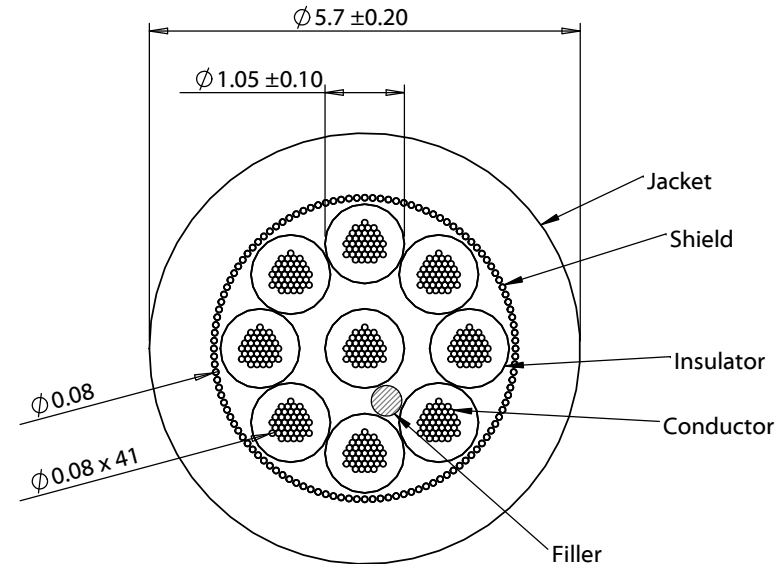
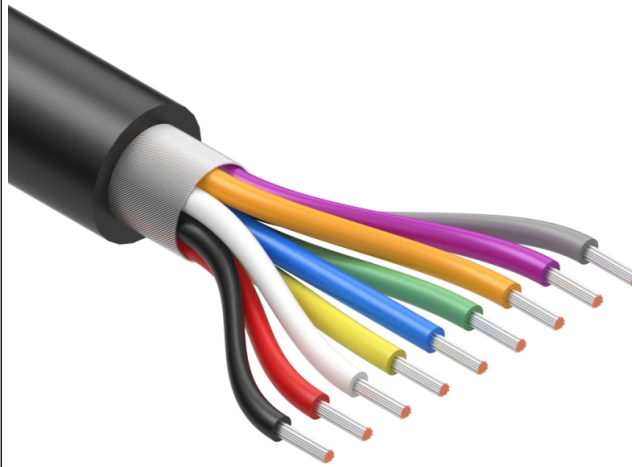
Diameter: $\varnothing 5.7 \pm 0.20$ mm**Filler**

Material: aramid fiber

Tests

Tensile strength: 35.7 kgf

Dielectric test: 1500 V dc for 1 minute without breakdown

Bend test at 200 g, $\pm 90^\circ$, 30 cycles /min: 15,000 cycle minimum

Revision:	Date:	Description:	Prepared:	Notes:	TENSILITY tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com		
A	10/10/2018	Initial release	Verified:	RoHS compliant Jacket meets ISO 10993 Biological Compatibility Phthalate and halogen free Function test: no open, no short, no intermittent			
A1	1/18/2019	Changed filler material to generic name	Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	Description: Wire, 9C TS, 24 AWG, 150V, 70C, 5.7 mm, shielded, TPU, 75A, WBL	Size: A	Part number: 30-01180	
					Scale: 10:1		Sheet 1 of 1