

Ratings

Voltage: 150 V

Temperature: -40~70 °C

Conductor

Conductor count: 10

Gauge: 18 AWG 0.82 mm²

Material: tinned copper strands

Strand size: $\varnothing 0.127 \times 65$ Resistance at 20 °C: 23.2 Ω /km Max**Insulator**

Material: HDPE

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

Diameter: $\varnothing 1.65 \pm 0.10$ mm

Nominal thickness: 0.21 mm

Resistance at 20 °C: 100 M Ω /km Min**Wrap**

Material: cotton paper

Filler

Material: aramid fiber

Outer jacket

Material: TPU

Color: white

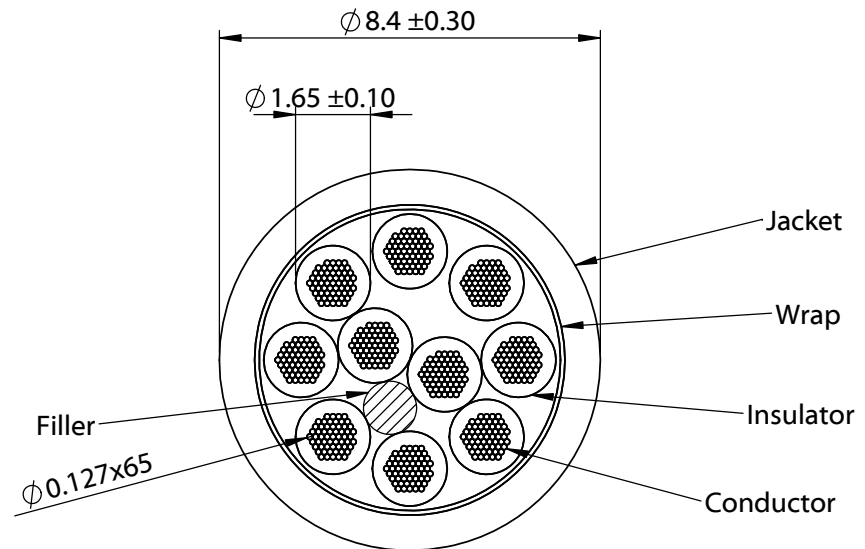
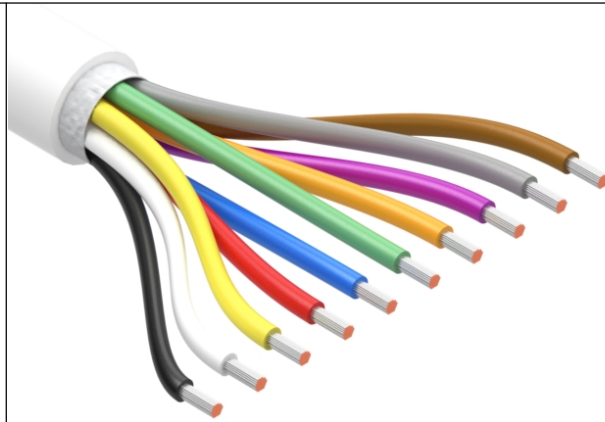
Diameter: $\varnothing 8.4 \pm 0.30$ mm

Nominal thickness: 0.70 mm

Tests

Tensile strength: 26 kgf min

Dielectric test: 1500 V dc for 1 minute without breakdown

Bend test at 200 g, $\pm 60^\circ$, 30 cycles /min: 15,000 cycle minimum

Revision:	Date:	Description:	Prepared:	Notes: RoHS compliant Jacket meets ISO 10993 Biological Compatibility Phthalate and halogen free Function test: no open, no short, no intermittent	TENSILITY tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com		
A	9/12/2022	Initial release	Verified:				
			Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	Description:	Size:	Part number:	
				Wire, 10C TS, 18 AWG, 150V, 70C, 8.4 mm, TPU, 75A, white, WBL	A	30-02838	
					Scale: 6:1	 	Sheet 1 of 1