

Ratings

Voltage: 150 V

Temperature: -40~70 °C

Conductor

Conductor count: 9

Gauge: 22 AWG 0.33 mm²

Material: Tinned copper strands

Strand size: $\varnothing 0.08 \times 65$ Resistance at 20 °C: 59.4 Ω /km max**Insulator**

Material: HDPE

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

Diameter: $\varnothing 1.25 \pm 0.10$ mm

Nominal thickness: 0.24 mm

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

Material: cotton paper

Filler

Material: aramid fiber

Outer jacket

Material: TPU

Color: white

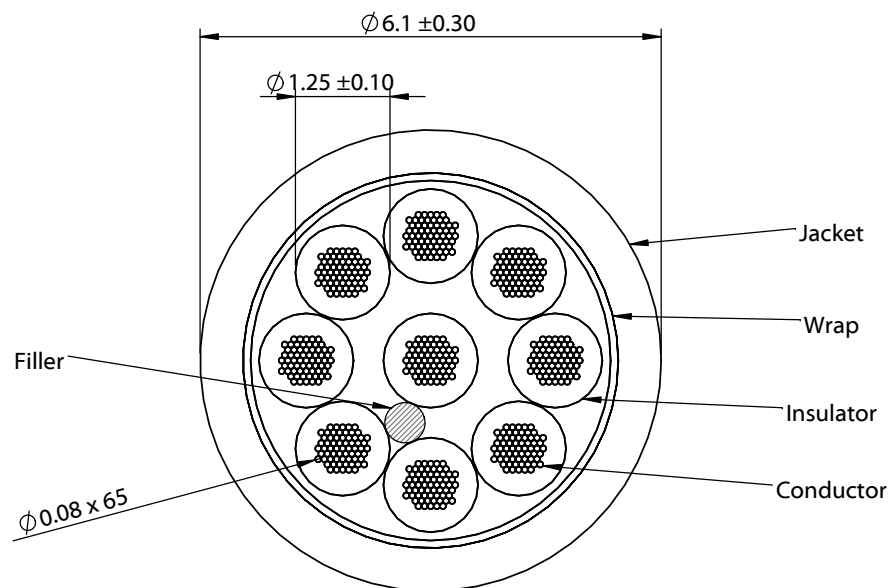
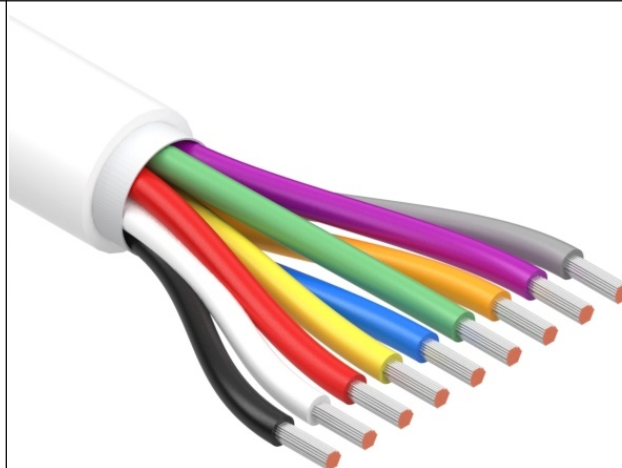
Diameter: $\varnothing 6.1 \pm 0.30$ mm

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	9/7/2022	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, 9C TS, 22 AWG, 150V, 70C, 6.1 mm, TPU, 75A, white, WBL	A	30-02832	
					Scale: 10:1		Sheet 1 of 1

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