

Ratings

Voltage: 150 V
 Temperature: -40~70 °C

Conductor

Conductor count: 10
 Gauge: 30 AWG 0.05 mm²
 Material: Tinned copper strands
 Strand size: $\varnothing 0.05 \times 25$
 Resistance at 20 °C: 385 Ω /km Max

Insulator

Material: HDPE
 Color: black, white, red, yellow, blue, green, orange, purple, gray, brown
 Diameter: $\varnothing 0.65 \pm 0.10$ mm
 Nominal thickness: 0.18 mm
 Resistance at 20 °C: 100 M Ω /km Min

Wrap

Material: cotton paper

Filler

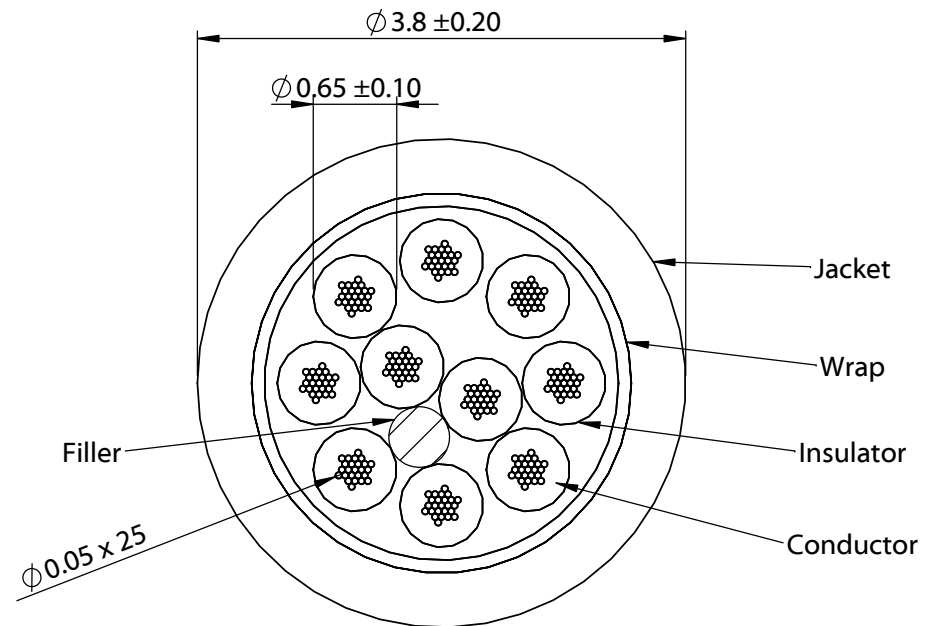
Material: aramid fiber

Outer jacket

Material: TPU
 Color: gray
 Diameter: $\varnothing 3.8 \pm 0.20$ mm
 Nominal thickness: 0.50 mm

Tests

Tensile strength: 15 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	<h1>TENSILITY</h1> <p>tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com</p>		
A	9/9/2022	Initial release	Verified:				
			Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	Description:	Size: A	Part number: 30-02772	
				Wire, 10C TS, 30 AWG, 150V, 70C, 3.8 mm, TPU, 75A, gray, WBL	Scale: 17:1		
							Sheet 1 of 1

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