

Ratings

Voltage: 150 V
Temperature: -40~70 °C

Conductor

Conductor count: 6
Gauge: 32 AWG 0.04 mm²
Material: tinned copper strands
Strand size: $\varnothing 0.05 \times 19$
Resistance at 20 °C: 590 Ω /km Max

Insulator

Material: HDPE
Color: red, black, white, yellow, blue, green
Diameter: $\varnothing 0.55 \pm 0.10$ mm
Nominal thickness: 0.15 mm
Resistance at 20 °C: 100 M Ω /km Min

Wrap

Material: cotton paper

Filler

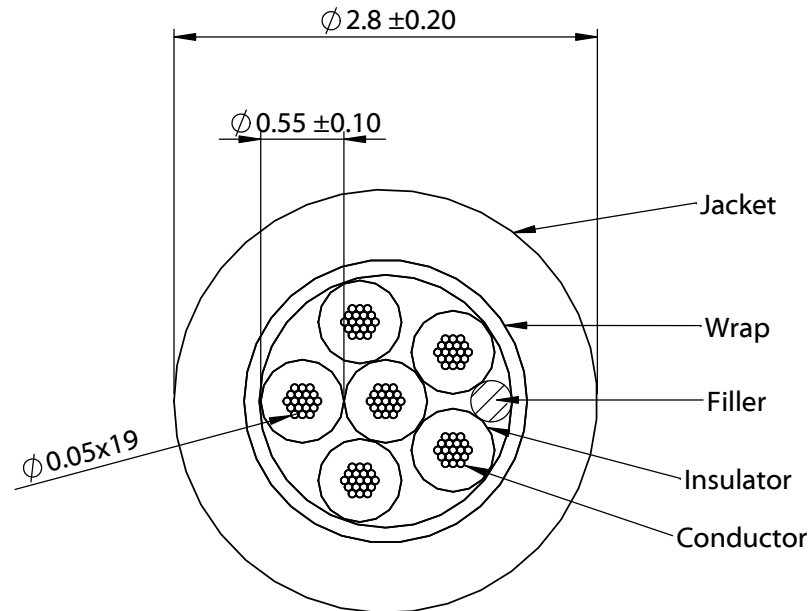
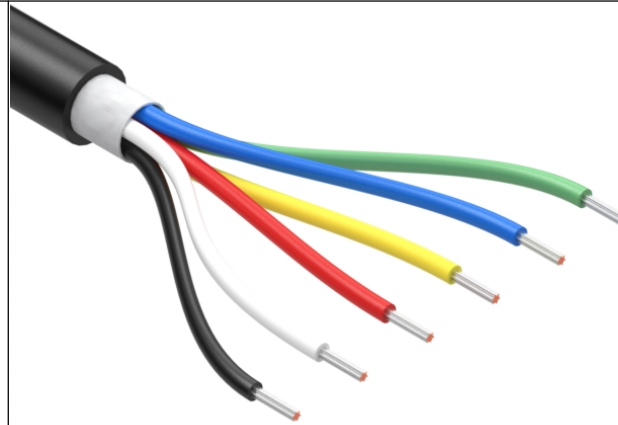
Material: aramid fiber

Outer jacket

Material: TPU
Color: black
Diameter: $\varnothing 2.8 \pm 0.20$ mm
Nominal thickness: 0.5 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	TENSILITY tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com		
A	9/1/2022	Initial release	Verified:				
			Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	Description: Wire, 6C TS, 32 AWG, 150V, 70C, 2.8 mm, TPU, 75A, WBL	Size: A	Part number: 30-02669	
					Scale: 20:1		Sheet 1 of 1