

Ratings

Temperature: -40 ~ 70 °C

Voltage: 150 V

ConductorGauge: 28 AWG 0.08 mm²

Material: tinned copper strands

Strand size: $\phi 0.05 \times 40$ Resistance at 20 °C: 240 Ω /km max**Insulator**

Material: HDPE

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

Diameter: $\phi 0.7 \pm 0.10$ mm

Nominal thickness: 0.15 mm

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

Type: spiral

Material: tinned copper strands

Stranding: $\phi 0.08$ mm

Coverage: 90 % min

Outer jacket

Material: TPU

Color: white (Cool Gray 1C)

Nominal thickness: 0.50 mm

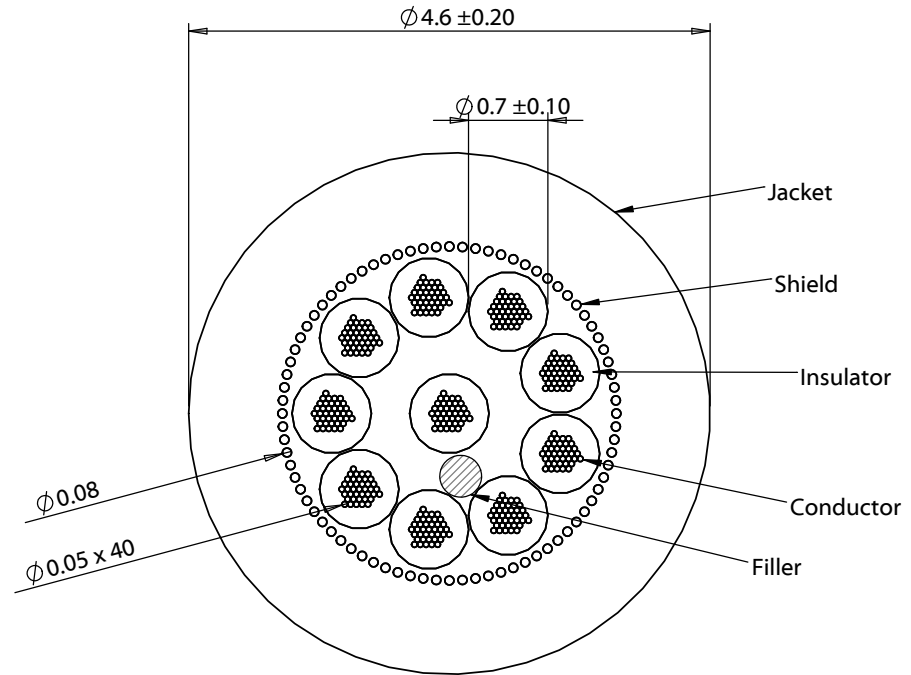
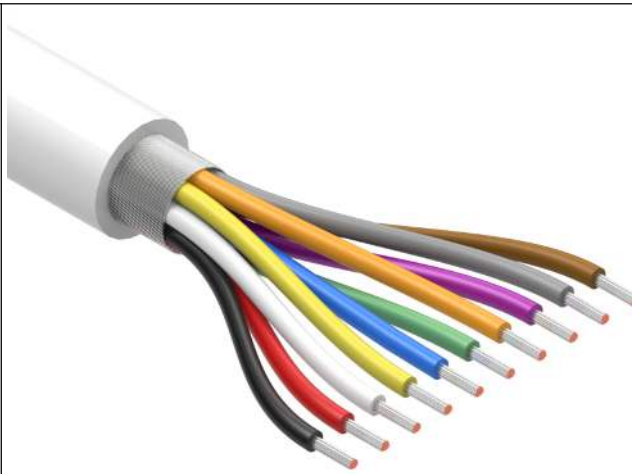
Diameter: $\phi 4.6 \pm 0.20$ mm**Filler**

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	10/11/2018	Initial release	PS Digitally signed by PS Date: 2018.07.19 14:06:58 -07'00'	RoHS compliant Jacket meets ISO 10993 Biological Compatibility Phthalate and halogen free Function test: no open, no short, no intermittent			
A1	1/21/2018	Changed filler material to generic name	CH Digitally signed by CH Date: 2019.07.19 14:26:13 -07'00'		Size:	Part number:	
			Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	Description: Wire, 10C TS, 28 AWG, 150V, 70C, 4.6 mm, shielded, TPU, 75A, white, WBL	A	30-01202	
					Scale: 15:1		Sheet 1 of 1