

Ratings

Temperature: -40 ~ 70 °C

Voltage: 150 V

ConductorGauge: 32 AWG, 0.039 mm²

Material: tinned copper strands

Stranding: $\phi 0.05 \times 19$ Resistance at 20 °C: 590 Ω /km**Insulator**

Material: HDPE

Color: black, white, red

Outer diameter: $\phi 0.55 \pm 0.05$ mm

Nominal thickness: 0.15 mm

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

Type: spiral

Material: tinned copper strands

Strand size: $\phi 0.08$ mm

Coverage: 90 % minimum

Outer jacket

Material: TPU, 70 °C

Color: cool gray 9C

Nominal thickness: 0.50 mm

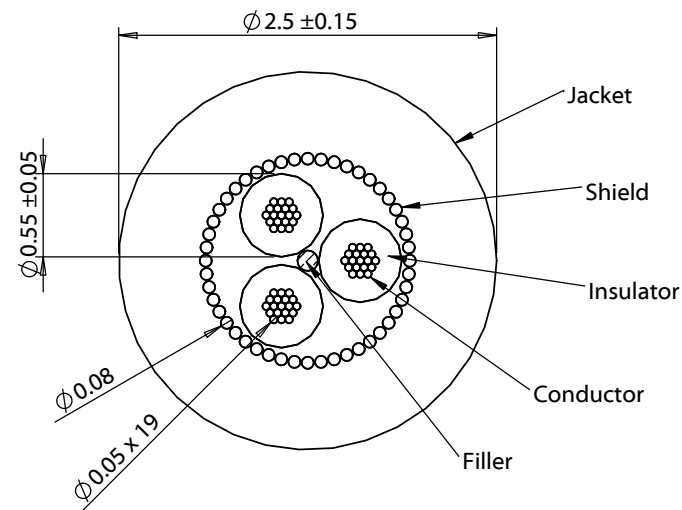
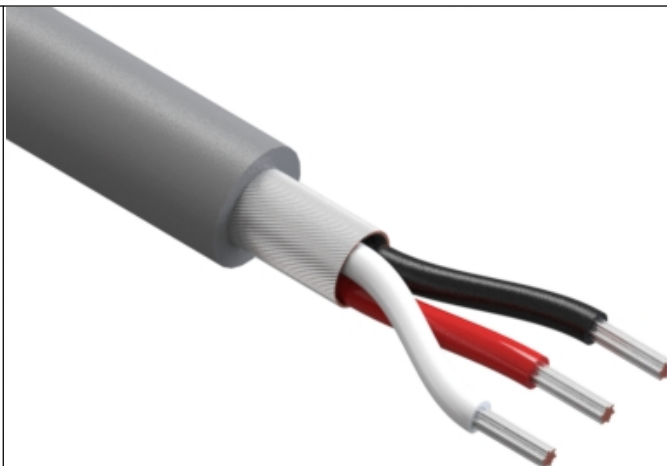
Diameter: $\phi 2.5 \pm 0.15$ mm**Filler**

Material: aramid fiber

Tests

Tensile strength: 25.5 kgf

Dielectric test: 1500 V dc for 1 minute without breakdown

Bend test at 200 g, $\pm 90^\circ$, 30 cycles /min: 10,000 cycle minimum

REVISION	DATE	DESCRIPTION	PREPARED:	NOTES	TENSILITY 20802 Sockeye Place #130 Bend, OR 97701 USA tel 541.323.3228 fax 541.323.4202 800 877.670.7118 www.tensility.com		
A	4/20/2015	Initial release	VERIFIED:	RoHS and REACH compliant			
A1	1/13/2016	Updated notes, corrected tolerances		Jacket meets ISO 10993 biological compatibility			
A2	1/17/2019	Changed filler material to generic name		Phthalate and halogen free			
			DIMENSIONS ARE IN MILLIMETERS	Function test: no open, no short, no intermittent			
			TOLERANCES: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	DESCRIPTION: Wire, 3C TS, 32 AWG, 150V, 70C, 2.5 mm, spiral shield, TPU, gray, WBL	SIZE A	PART NUMBER 30-00453	
					SCALE: 1:1		SHEET 1 OF 1