

Ratings

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

Conductor

Gauge: 24 AWG, 0.20 mm²
Material: tinned copper strands
Stranding: $\phi 0.08 \times 41$
Resistance at 20 °C: 95 Ω /km max

Insulator

Material: HDPE
Color: black, white
Outer diameter: $\phi 1.05 \pm 0.10$ mm
Nominal thickness: 0.20
Resistance at 20 °C: 1000 M Ω /km min

Shield

Type: spiral
Material: tinned copper strands
Strand size: $\phi 0.08$ mm
Coverage: 90 % minimum

Outer jacket

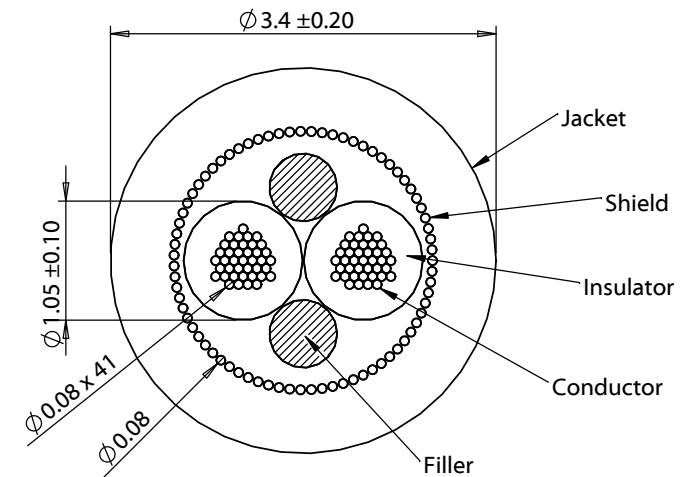
Material: TPU, 70 °C
Color: black
Nominal thickness: 0.50 mm
Diameter: $\phi 3.4 \pm 0.20$ mm

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	9/24/2015	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	9/30/2015	Initial release	VERIFIED:	RoHS and REACH compliant Jacket meets ISO 10993 Biological Compatibility Phthalate and halogen free			
A1	1/13/2016	Updated notes, corrected tolerances		Function test: no open, no short, no intermittent			
A2	1/17/2019	Changed filler material to generic name	DIMENSIONS ARE IN MILLIMETERS	DESCRIPTION: Wire, 2C TS, 24 AWG, 150V, 70C, 3.4 mm, spiral shield, TPU, WBL			
			TOLERANCES: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm		SIZE A	PART NUMBER 30-00659	
					SCALE: 1:1		SHEET 1 OF 1