

**Ratings**

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

**Conductor**

Gauge: 24 AWG, 0.20 mm<sup>2</sup>  
Material: tinned copper strands  
Stranding:  $\phi$  0.08 x 41  
Resistance at 20 °C: 95  $\Omega$ /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 $\Omega$ /km min

**Shield**

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

**Outer jacket**

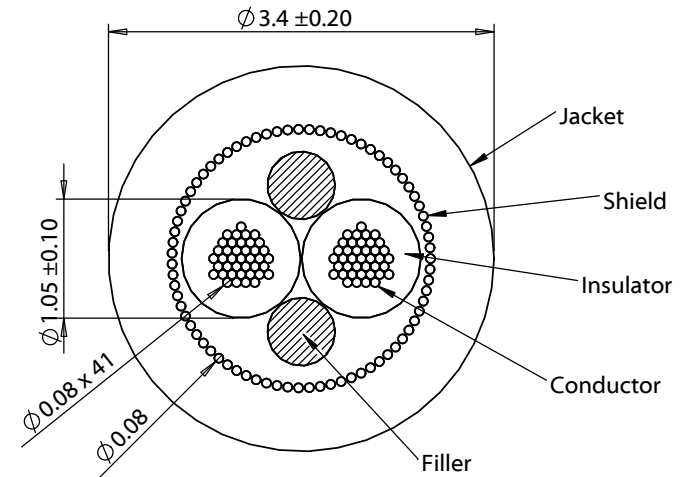
Material: TPU, 70 °C  
Color: black  
Nominal thickness: 0.50 mm  
Diameter:  $\phi$  3.4  $\pm$  0.20 mm

**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 °, 30 cycles /min: 15,000 cycle minimum



REVISION	9/24/2015	DESCRIPTION	PREPARED:	NOTES	<h1>TENSILITY</h1> <p>20802 Sockeye Place #130 Bend, OR 97701 USA tel 541.323.3228 fax 541.323.4202 800 877.670.7118 www.tensility.com</p>
A	9/30/2015	Initial release	VERIFIED:	Jacket meets ISO 10993 Biological Compatibility	
A1	1/13/2016	Updated notes, corrected tolerances	DIMENSIONS ARE IN MILLIMETERS	Phthalate and halogen free	
A2	1/17/2019	Changed filler material to generic name		Function test: no open, no short, no intermittent	
			TOLERANCES: X: $\pm$ 0.5 mm X.X: $\pm$ 0.3 mm X.XX: $\pm$ 0.05 mm	DESCRIPTION: Wire, 2C TS, 24 AWG, 150V, 70C, 3.4 mm, spiral shield, TPU	
			SIZE: A		PART NUMBER: 30-00659
			SCALE: 1:1		SHEET 1 OF 1