

**Ratings**

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

**Conductor**

Conductor count: 8  
Gauge: 22 AWG 0.33 mm<sup>2</sup>  
Material: Tinned copper strands  
Strand size:  $\phi$  0.08 x 65  
Resistance at 20 °C: 59.4  $\Omega$ /km Max

**Insulator**

Material: HDPE  
Color: black, white, red, yellow, blue, green, orange, purple  
Diameter:  $\phi$  1.25  $\pm$  0.10 mm  
Nominal thickness: 0.24 mm  
Resistance at 20 °C: 100 M $\Omega$ /km Min

**Wrap**

Material: cotton paper

**Filler**

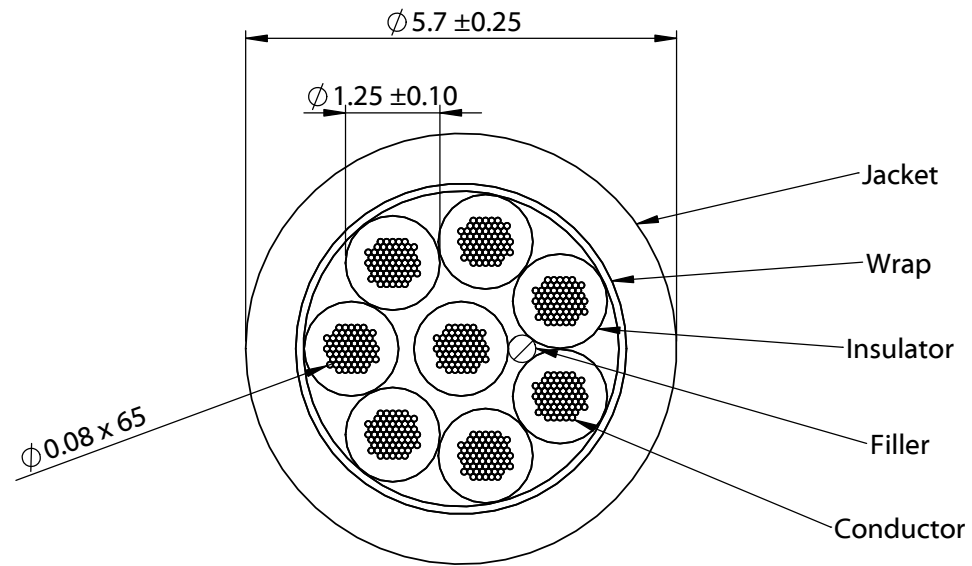
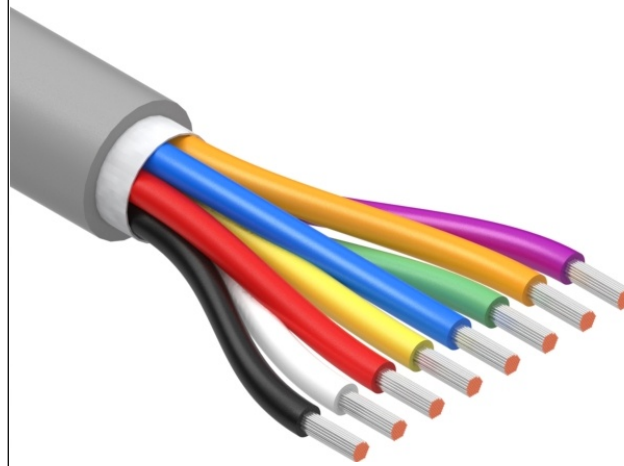
Material: aramid fiber

**Outer jacket**

Material: TPU  
Color: gray  
Diameter:  $\phi$  5.7  $\pm$  0.25 mm  
Nominal thickness: 0.70 mm

**Tests**

Tensile strength: 26 kgf min  
Dielectric test: 1500 V dc for 1 minute without breakdown  
Bend test at 200 g,  $\pm$ 60 °, 30 cycles /min: 15,000 cycle minimum



Revision:	Date:	Description:
A	8/24/2022	Initial release

Prepared: **PB**  
Digitally signed by PB  
Date: 2022.09.20  
10:57:43 -07'00'

Verified: **MP**  
Digitally signed by MP  
Date: 2022.09.21  
10:35:13 -07'00'

Dimensions are in millimeters.  
Tolerances:  
X:  $\pm$  0.5 mm  
X.X:  $\pm$  0.3 mm  
X.XX:  $\pm$  0.05 mm

Notes:

RoHS compliant  
Jacket meets ISO 10993 Biological Compatibility  
Phthalate and halogen free  
Function test: no open, no short, no intermittent

Description:  
Wire, 8C TS, 22 AWG, 150V, 70C, 5.7 mm, TPU, 75A, gray, WBL

**TENSILITY**

tel 1.541.323.3228 800 877.670.7118  
fax 1.541.323.4202 web tensility.com

Size: A Part number: 30-02752

Scale: 10:1 Sheet 1 of 1