

**Ratings**

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

**Conductor**

Conductor count: 4 (2 twisted pair)  
 Gauge: 28 AWG 0.08 mm<sup>2</sup>  
 Material: tinned copper strands  
 Strand size:  $\varnothing 0.05 \times 40$   
 Resistance at 20 °C: 240  $\Omega$  /km max

**Insulator**

Material: HDPE  
 Color: white, green (1P) / black, red (1P)  
 Diameter:  $\varnothing 0.08$  mm  
 Nominal thickness: 0.15 mm  
 Resistance at 20 °C: 100 M $\Omega$  /km min

**Shield**

Type: aluminum mylar + tinned copper spiral  
 Coverage: 85% min spiral, 100% foil  
 Stranding:  $\varnothing 0.08$  mm x 72

**Outer jacket**

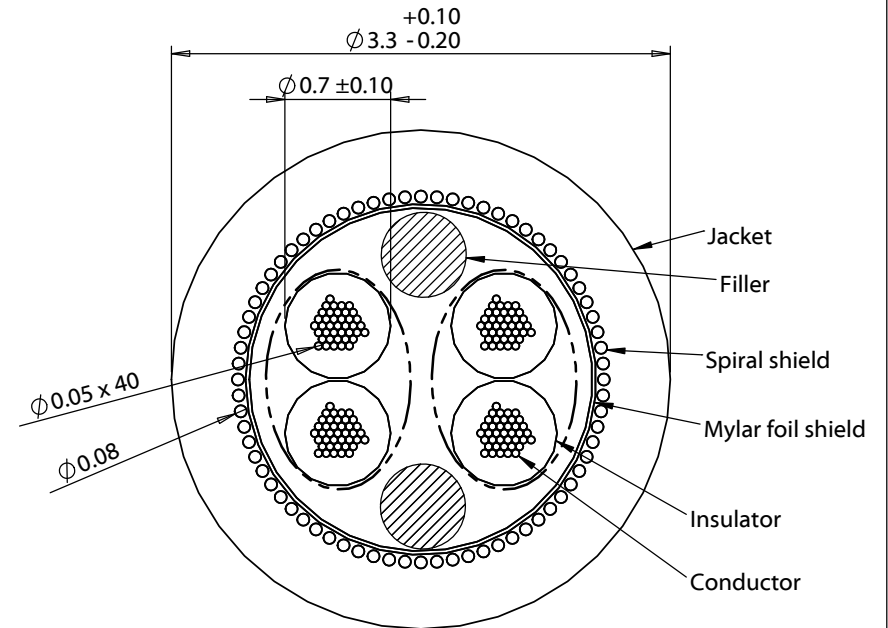
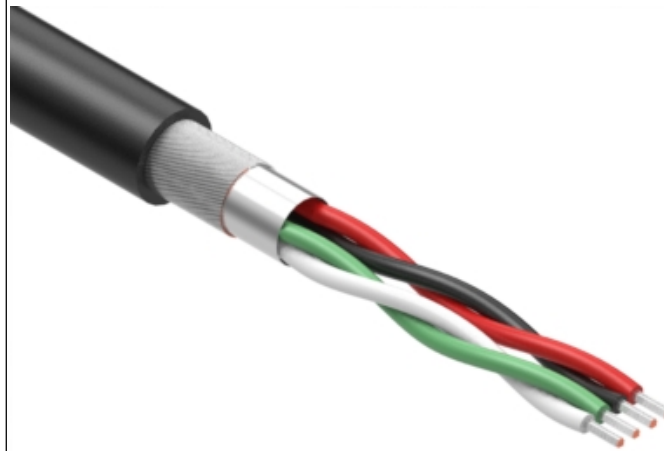
Material: TPU  
 Color: black  
 Diameter:  $\varnothing 3.3^{+0.10} - 0.20$  mm  
 Nominal thickness: 0.30 mm

**Filler**

Material: aramid fiber

**Tests**

Tensile strength: 35.7 kgf  
 Dielectric test: 1500V dc for 1 minute without breakdown  
 Bend test at 200 g,  $\pm 90^\circ$ , 30 cycles/min: 15,000 cycles minimum



Revision:	Date:	Description:
A	1/11/21	Initial release

Prepared: <b>AG</b> <small>Digitally signed by AG Date: 2021.01.11 11:45:41 +08'00'</small>
Verified: <b>AW</b> <small>Digitally signed by AW Date: 2021.01.15 10:56:42 -08'00'</small>
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 for biological compatibility Phthalate and halogen free  Function test: no open, no short, no intermittent
Description: Wire, 4C, 2PR TS, 28 AWG, 150V, 70C, 3.3 mm, shielded, TPU, WBL

<b>TENSILITY</b>	
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Size: A	Part number: <b>30-01639</b>
Scale: 20:1	Sheet 1 of 1