

Ratings

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

Conductor

Gauge: 22 AWG 0.33 mm²
Material: tinned copper strands
Strand size: ϕ 0.08 x65
Resistance at 20 °C: 59.4 Ω /km max

Insulator

Material: HDPE
Color: white, black
Diameter: ϕ 1.25 \pm 0.10 mm
Nominal thickness: 0.25 mm
Resistance at 20 °C: 100 M Ω /km min

Shield

Type: spiral
Material: tinned copper strands
Stranding: ϕ 0.08 mm
Coverage: 90 % min

Outer jacket

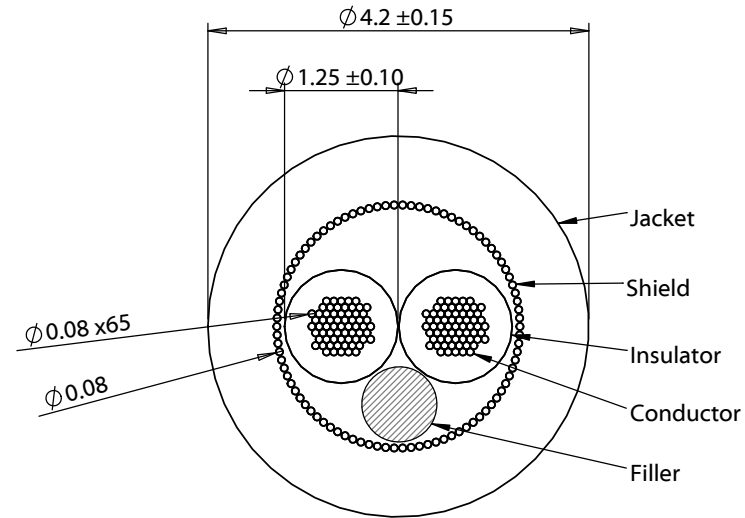
Material: TPU
Color: black
Nominal thickness: 0.70 mm
Diameter: ϕ 4.2 \pm 0.15 mm

Filler

Material: aramid fiber

Tests

Tensile strength: 35.7 kgf min
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:	Date:	Description:
A	3/24/2021	Initial release

Prepared:	<small>Digitally signed by AW Date: 2021.03.24 13:10:50 -07'00'</small>
AW	
Verified:	<small>Digitally signed by AG Date: 2021.04.02 11:30:41 -07'00'</small>
AG	
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, 2C TS, 22 AWG, 150V, 70C, 4.2 mm, shielded, TPU, 75A, WBL

TENSILITY

tel 1.541.323.3228 800 877.670.7118
 fax 1.541.323.4202 web tensility.com

Size:	Part number:
A	30-01860
Scale: 12:1	
Sheet 1 of 1	