

Ratings

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

Conductor

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

Insulator

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

Shield

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

Outer jacket

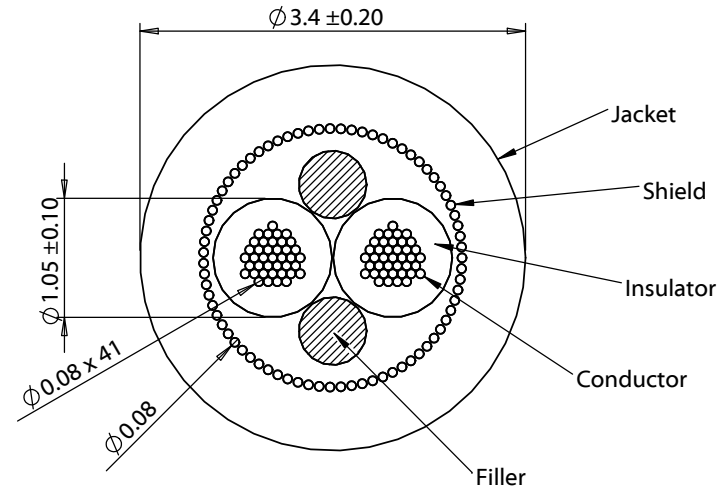
Material: TPU, 70 °C
Color: cool gray 1C
Nominal thickness: 0.50 mm
Diameter: $\varnothing 3.4 \pm 0.20$ mm

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 | DATE | DESCRIPTION |
|-----------|-----------|---|
| 9/24/2015 | | |
| A | 9/30/2015 | Initial release |
| A1 | 1/13/2016 | Updated notes, corrected tolerances |
| A2 | 1/17/2019 | Changed filler material to generic name |

PREPARED:
VERIFIED:
DIMENSIONS ARE IN MILLIMETERS
TOLERANCES:
X: ± 0.5 mm
X.X: ± 0.3 mm
X.XX: ± 0.05 mm

NOTES
RoHS and REACH compliant
Jacket meets ISO 10993 Biological Compatibility
Phthalate and halogen free
Function test: no open, no short, no intermittent
DESCRIPTION:
Wire, 2C TS, 24 AWG, 150V, 70C, 3.4 mm, spiral shield, TPU, white

TENSILITY
20802 Sockeye Place #130
Bend, OR 97701 USA
tel 541.323.3228 fax 541.323.4202
800 877.670.7118 www.tensility.com

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| SIZE | PART NUMBER |
| A | 30-00660 |

SCALE: 1:1 SHEET 1 OF 1