

Ratings

Temperature: 0 ~ 70 °C

Voltage: 150 V

ConductorGauge: 24 AWG, 0.20 mm²

Material: tinned copper strands

Strand size: Ø 0.08 mm

Strand count: 41

Resistance at 20 °C: 95 Ω/km max

Insulator

Material: PE

Color: black, white

Outer diameter: 1.0 ±0.10 mm

Resistance at 20 °C: 1000 MΩ/km min

Shield

Type: spiral

Material: tinned copper strands

Strand size: Ø 0.08 mm

Coverage: 90 % minimum

Outer jacket

Material: TPU, 70 °C

Durometer: 78 Shore A

Color: cool gray 1C

Nominal thickness: 0.50 mm

Diameter: 3.0 ±0.15 mm

Filler

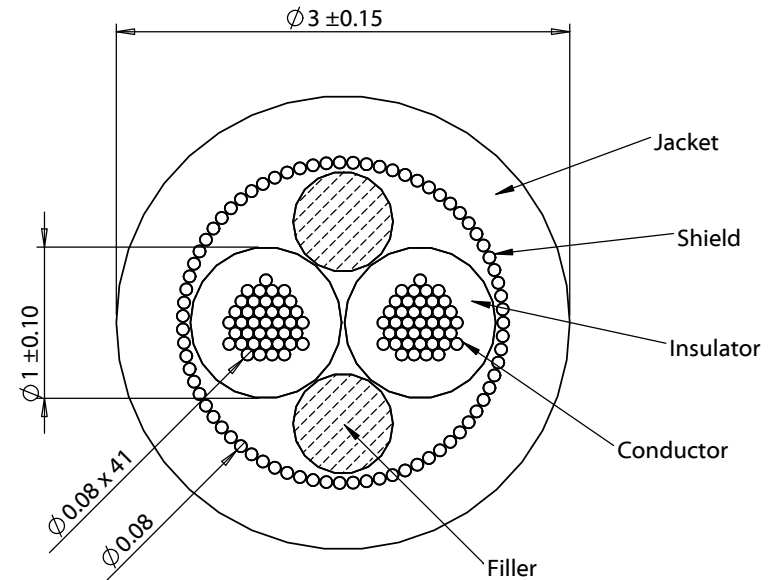
Material: kevlar

Tests

Tensile strength: 35.7 kgf

Dielectric test: 1500 V dc for 1 minute without breakdown

Bend test at 200 g, ±90°, 30 cycles /min: 15,000 cycle minimum



REVISION	9/24/2015	DESCRIPTION
A	9/30/2015	Initial release

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

DESCRIPTION:
 Wire, 2C TS, 24 AWG, 150V, 70C, 3.0 mm, spiral shield, TPU, white

TENSILITY

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 Bend, OR 97701 USA
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 800 877.670.7118 www.tensility.com

SIZE	PART NUMBER
A	30-00660

SCALE: 1:1

SHEET 1 OF 1