

Ratings

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

Conductor

Conductor count: 4
 Gauge: 24 AWG 0.21 mm²
 Material: tinned copper strands
 Strand size: $\varnothing 0.08 \times 41$
 Resistance at 20 °C: 95 Ω /km max

Insulator

Material: HDPE
 Color: yellow, white, black, red
 Diameter: $\varnothing 1.05 \pm 0.10$ mm
 Nominal thickness: 0.22 mm
 Resistance at 20 °C: 100 M Ω /km min

Wrap

Material: cotton paper.

Filler

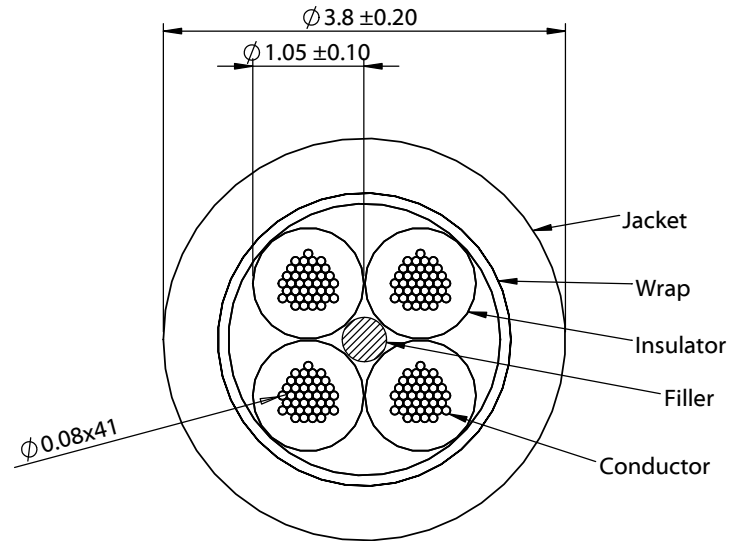
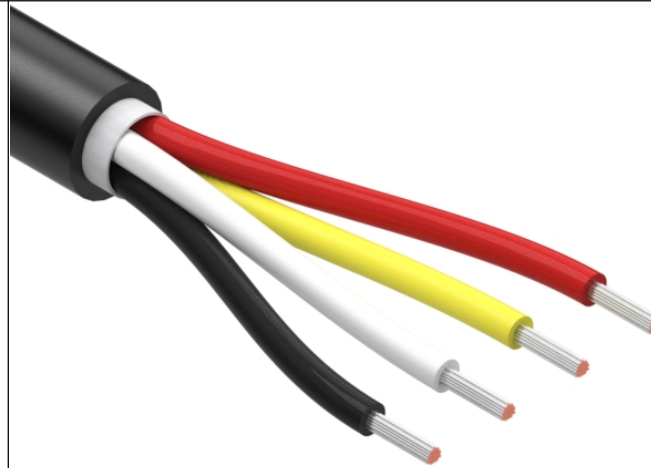
Material: aramid fiber

Outer jacket

Material: TPU
 Color: black
 Diameter: $\varnothing 3.8 \pm 0.20$ mm
 Nominal thickness: 0.60 mm

Tests

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



| Revision: | Date: | Description: |
|-----------|-----------|-----------------|
| A | 8/30/2022 | Initial release |
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| | | |

Prepared: **MP**
Digitally signed by MP
 Date: 2022.12.02 07:28:57 -0800

Verified: **PB**
Digitally signed by PB
 Date: 2022.12.02 11:28:50 -0800

Dimensions are in millimeters.
 Tolerances:
 X: ± 0.5 mm
 X.X: ± 0.3 mm
 X.XX: ± 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, 4C TS, 24 AWG, 150V, 70C, 3.8 mm, TPU, 75A, WBL

TENSILITY

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Size: A Part number: 30-02649

Scale: 14:1 Sheet 1 of 1