

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

Conductor
Conductor count: 3
Gauge: 28 AWG 0.08 mm²
Material: Tinned copper strands
Strand size: $\varnothing 0.05 \times 40$
Resistance at 20 °C: 240 Ω /km max

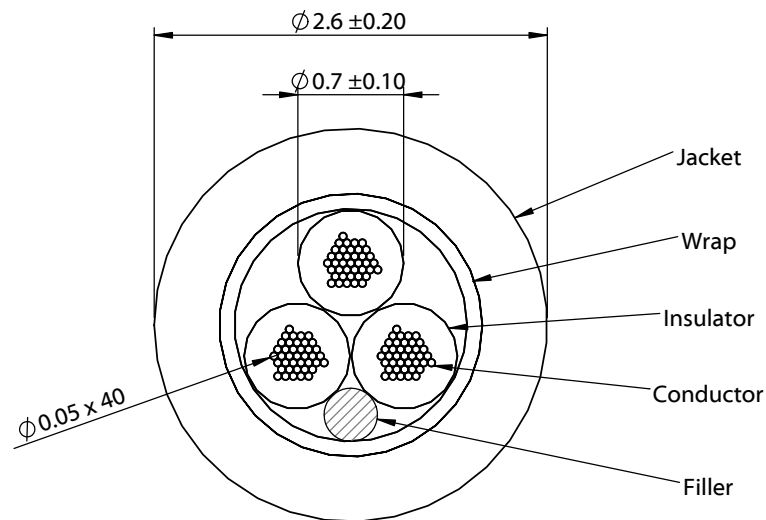
Insulator
Material: HDPE
Color: white, black, red
Diameter: $\varnothing 0.7 \pm 0.10$ mm
Nominal thickness: 0.16 mm
Resistance at 20 °C: 100 M Ω /km min

Wrap
Material: cotton paper

Filler
Material: aramid fiber

Outer jacket
Material: TPU
Color: black
Diameter: $\varnothing 2.6 \pm 0.20$ mm
Nominal thickness: 0.50 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	8/31/2022	Initial release

Prepared: **PB**
Digitally signed by PB
Date: 2022.09.20
09:27:51 -07'00'

Verified: **MP**
Digitally signed by MP
Date: 2022.09.21
08:00:58 -07'00'

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, 3C TS, 28 AWG, 150V, 70C, 2.6 mm, TPU, 75A, WBL

TENSILITY

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Size: A Part number: 30-02643

Scale: 20:1 Sheet 1 of 1