

Ratings

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

Conductor

Conductor count: 4
 Gauge: 30 AWG 0.05 mm²
 Material: Tinned copper strands
 Strand size: $\varnothing 0.05 \times 25$
 Resistance at 20 °C: 385 Ω /km max

Insulator

Material: HDPE
 Color: yellow, white, black, red
 Diameter: $\varnothing 0.65 \pm 0.10$ mm
 Nominal thickness: 0.18 mm
 Resistance at 20 °C: 100 M Ω /km min

Wrap

Material: cotton paper

Filler

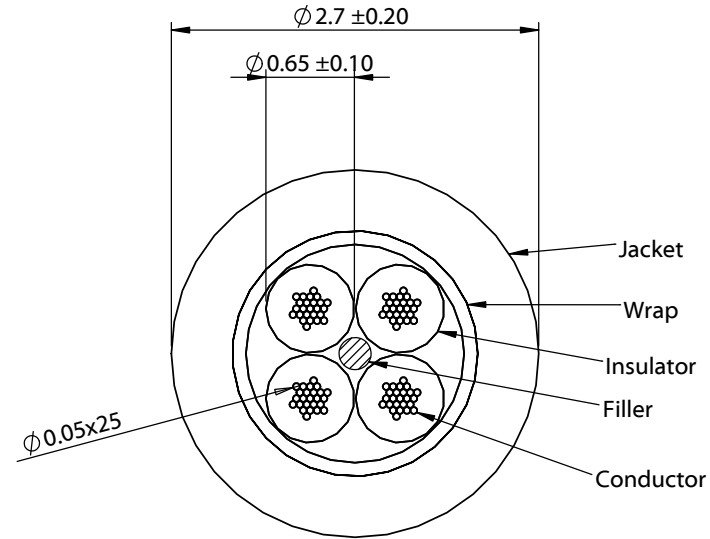
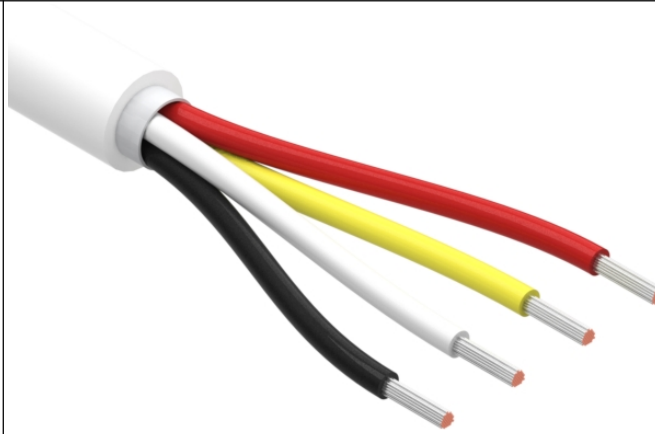
Material: aramid fiber

Outer jacket

Material: TPU
 Color: white
 Diameter: $\varnothing 2.7 \pm 0.20$ mm
 Nominal thickness: 0.50 mm

Tests

Tensile strength: 15 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	9/9/2022	Initial release

Prepared: **MP**
Digitally signed by MP
 Date: 2022.09.15
 15:48:28 -0700'

Verified: **PB**
Digitally signed by PB
 Date: 2022.09.22
 11:35:52 -0700'

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, 30 AWG, 150V, 70C, 2.7 mm, TPU, 75A, white, WBL

TENSILITY

tel 1.541.323.3228 800 877.670.7118
 fax 1.541.323.4202 web tensility.com

Size: A Part number: 30-02796

Scale: 18:1 Sheet 1 of 1