

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

Conductor
 Conductor count: 9
 Gauge: 30 AWG 0.05 mm²
 Material: Tinned copper strands
 Strand size: ϕ 0.05 x 25
 Resistance at 20 °C: 385 Ω /km max

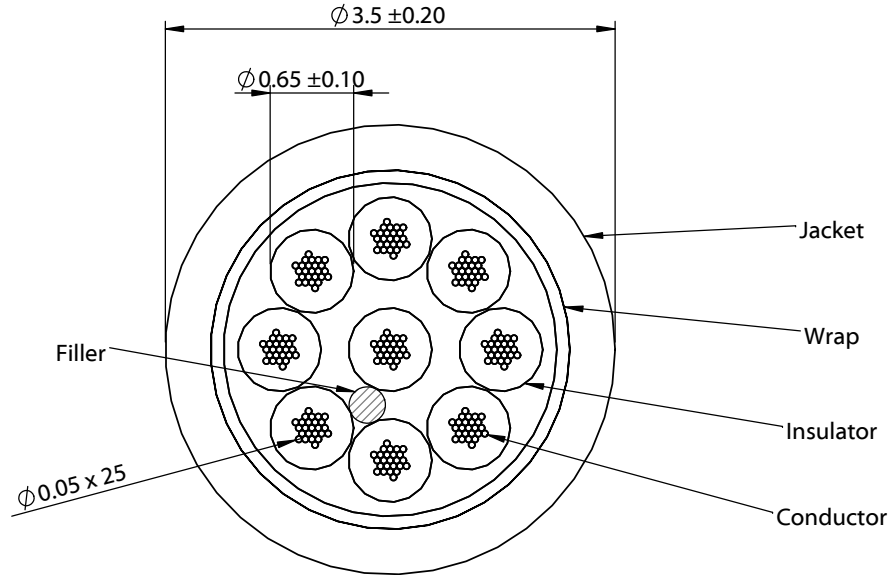
Insulator
 Material: HDPE
 Color: white, black, red, yellow, blue, green, orange, purple, gray
 Diameter: ϕ 0.65 \pm 0.10 mm
 Nominal thickness: 0.18 mm
 Resistance at 20 °C: 100 M Ω /km min

Wrap
 Material: cotton paper

Filler
 Material: aramid fiber

Outer jacket
 Material: TPU
 Color: black
 Diameter: ϕ 3.5 \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 °, 30 cycles /min: 15,000 cycle minimum



Revision:	Date:	Description:
A	9/7/2022	Initial release

Prepared:
Verified:
Dimensions are in millimeters. Tolerances: X: \pm 0.5 mm X.X: \pm 0.3 mm X.XX: \pm 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, 9C TS, 30 AWG, 150V, 70C, 3.5 mm, TPU, 75A, WBL

TENSILITY

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Size: A	Part number: 30-02692
Scale: 17:1	Sheet 1 of 1