

Ratings

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

Conductor

Gauge: 26 AWG 0.13 mm²
 Material: tinned copper strands
 Strand size: $\phi 0.08 \times 26$
 Resistance at 20 °C: 150 Ω /km max

Insulator

Material: HDPE
 Color: brown, gray, purple, orange, green, blue, yellow, white, black, red
 Diameter: $\phi 0.9 \pm 0.10$ mm
 Nominal thickness: 0.15 mm
 Resistance at 20 °C: 1000 M Ω /km min

Shield

Type: spiral
 Material: tinned copper strands
 Stranding: $\phi 0.08$ mm
 Coverage: 90 % min

Outer jacket

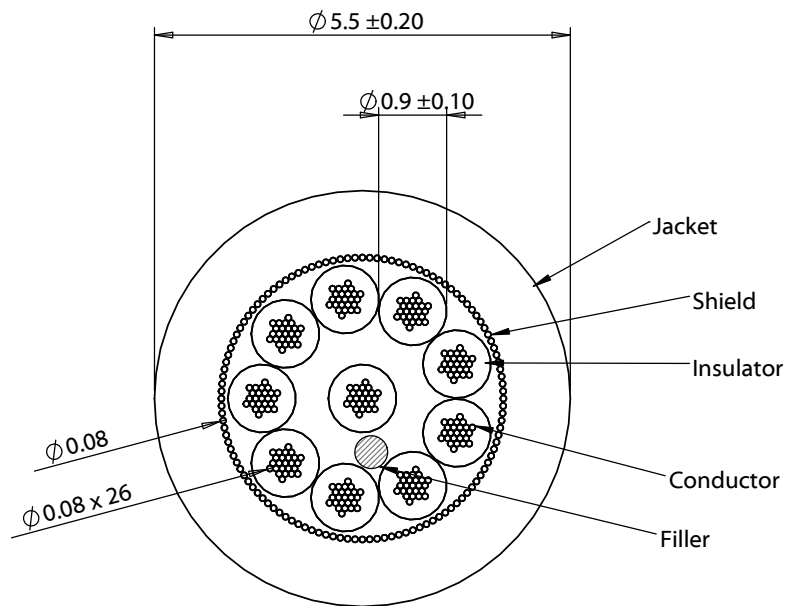
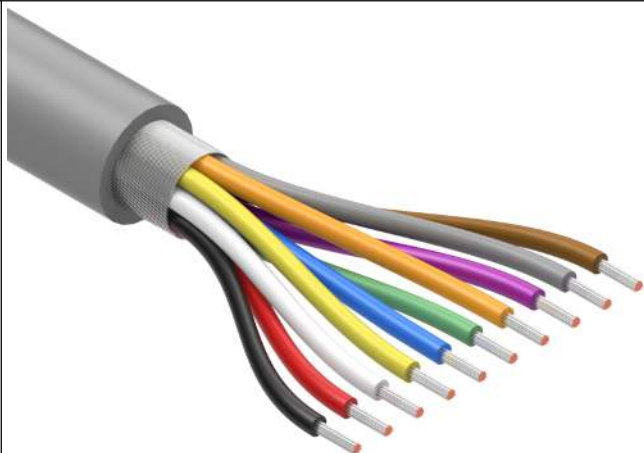
Material: TPU
 Color: gray (Cool Gray 9C)
 Nominal thickness: 0.50 mm
 Diameter: $\phi 5.5 \pm 0.20$ mm

Filler

Material: aramid fiber

Tests

Tensile strength: 35.7 kgf
 Dielectric test: 1500 V dc for 1 minute without breakdown
 Bend test at 200 g, $\pm 90^\circ$, 30 cycles /min: 15,000 cycle minimum



Revision:	Date:	Description:
A	10/11/2018	Initial release
A1	01/21/2019	Changed filler material to generic name

Prepared: PS
Digitally signed by PS
Date: 2019.07.19 14:05:28 -07'00'

Verified: CH
Digitally signed by CH
Date: 2019.07.19 14:24:49 -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, 10C TS, 26 AWG, 150V, 70C, 5.5 mm, shielded, TPU, 75A, gray, WBL

TENSILITY

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Size: A	Part number: 30-01200
Scale: 10:1	

Sheet 1 of 1

5

4

3

2

1