

Ratings

Voltage: 150 V
Temperature: -40~70 °C

Conductor

Conductor count: 6
Gauge: 26 AWG 0.08 mm²
Material: tinned copper strands
Strand size: $\varnothing 0.08 \times 26$
Resistance at 20 °C: 150 Ω /km Max

Insulator

Material: HDPE
Color: red, black, white, yellow, blue, green
Diameter: $\varnothing 0.9 \pm 0.10$ mm
Nominal thickness: 0.20 mm
Resistance at 20 °C: 100 M Ω /km Min

Wrap

Material: cotton paper

Filler

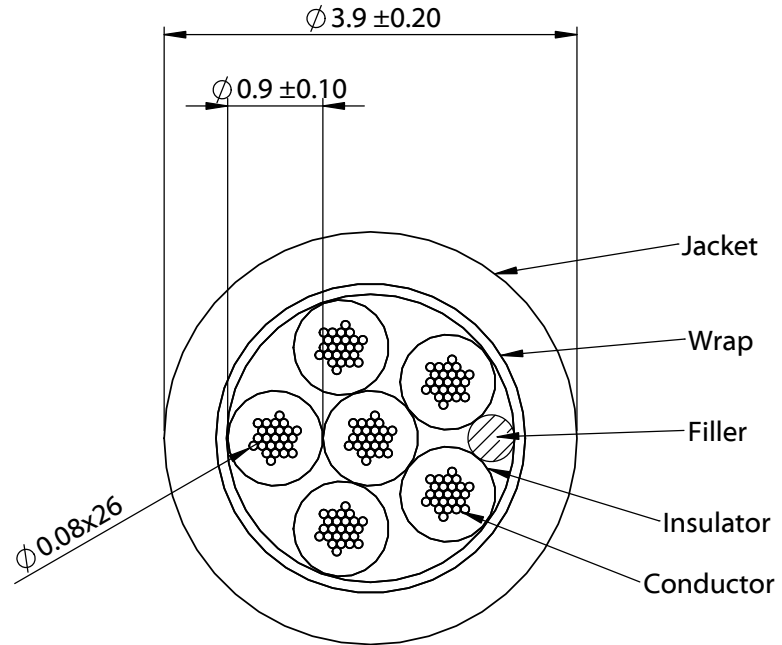
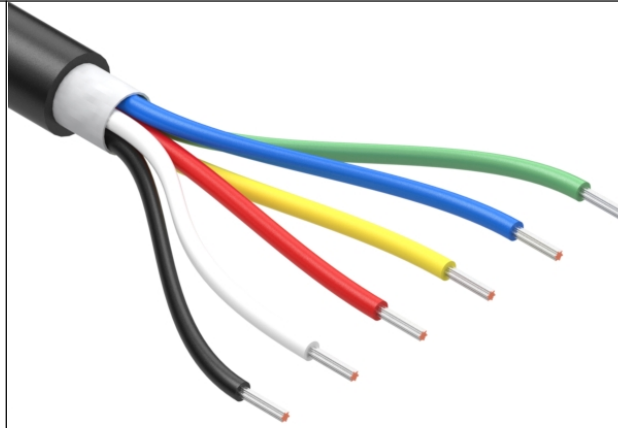
Material: aramid fiber

Outer jacket

Material: TPU
Color: black
Diameter: $\varnothing 3.9 \pm 0.20$ mm
Nominal thickness: 0.5 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	9/1/2022	Initial release

Prepared: **MP** Digitally signed by MP Date: 2022.12.02 14:35:43 -08'00'

Verified: **PB** Digitally signed by PB Date: 2022.12.02 14:35:43 -08'00'

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, 6C TS, 26 AWG, 150V, 70C, 3.9 mm, TPU, 75A, WBL

TENSILITY

tel 1.541.323.3228 800 877.670.7118
fax 1.541.323.4202 web tensility.com

Size: A Part number: **30-02666**

Scale: 14:1 Sheet 1 of 1

To see a custom version of this cable assembly, call Tensility at 541-323-3228 or email engineering@tensility.com