**Ratings**
Temperature: -40 to 70 °C
Voltage: 150 V

**Conductor**
Gauge: 26 AWG 0.13 mm²
Material: tinned copper strands
Strand size: ∅0.08 x 26
Resistance at 20 °C: 150 Ω /km max

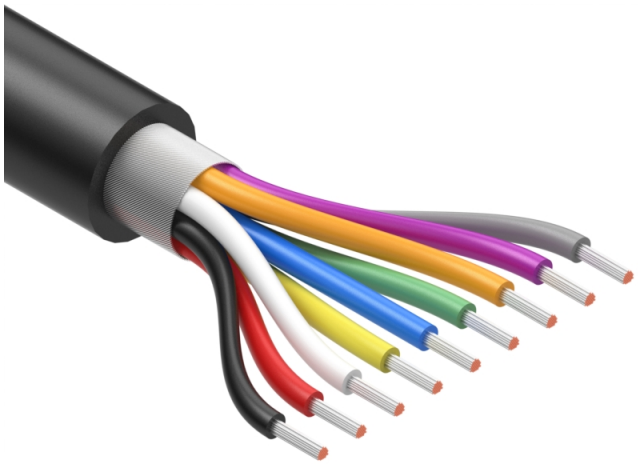
**Insulator**
Material: HDPE
Color: gray, purple, orange, green, blue, yellow, white, black, red
Diameter: ∅0.9 ±0.10 mm
Nominal thickness: 0.15 mm
Resistance at 20 °C: 1000 MΩ /km min

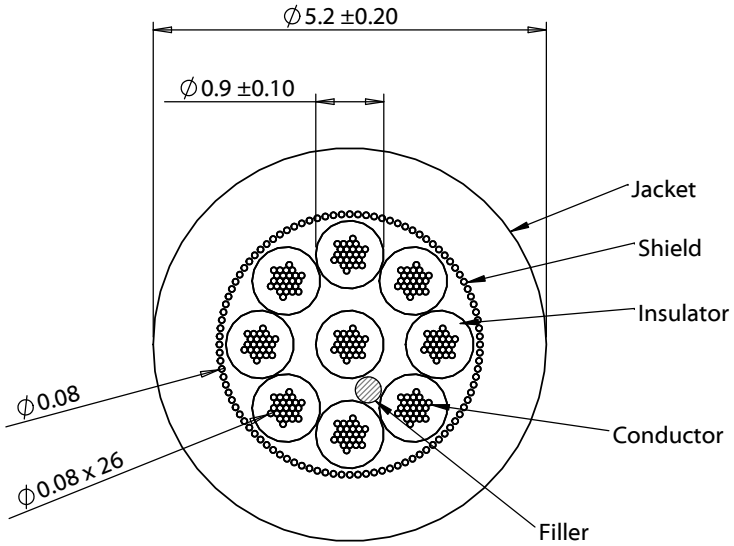
**Shield**
Type: spiral
Material: tinned copper strands
Stranding: ∅0.08 mm
Coverage: 90 % min

**Outer jacket**
Material: TPU
Color: black
Nominal thickness: 0.50 mm
Diameter: ∅5.2 ±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, ±90 °, 30 cycles /min: 15,000 cycle minimum






| Revision: | Date: | Description: |
|---|---|---|
| A | 10/11/2018 | Initial release |
| A1 | 1/18/2019 | Changed filler material to generic name |
| | | |
| | | |
| | | |

Prepared: PS Digitally signed by PS Date: 2019.07.19 10:38:25 -07'00'

Verified: CH Digitally signed by CH Date: 2019.07.19 10:40:00 -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, 9C TS, 26 AWG, 150V, 70C, 5.2 mm, shielded, 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: 30-01183
Scale: 10:1
Sheet 1 of 1

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

5 4 3 2 1

Downloaded from Arrow.com.