

**Ratings**

Temperature: 0 ~ 70 °C

Voltage: 150 V

**Conductor**Gauge: 26 AWG, 0.13 mm<sup>2</sup>

Material: tinned copper strands

Stranding:  $\phi 0.08 \times 26$ Resistance at 20 °C: 150  $\Omega$ /km max**Insulator**

Material: HDPE

Color: black, white, yellow, red

Outer diameter:  $\phi 0.9 \pm 0.10$  mm

Nominal thickness: 0.20 mm

Resistance at 20 °C: 1000 M $\Omega$ /km min**Shield**

Type: spiral

Material: tinned copper strands

Strand size:  $\phi 0.08$  mm

Coverage: 90 % minimum

**Outer jacket**

Material: TPU, 70 °C

Color: black

Nominal thickness: 0.50 mm

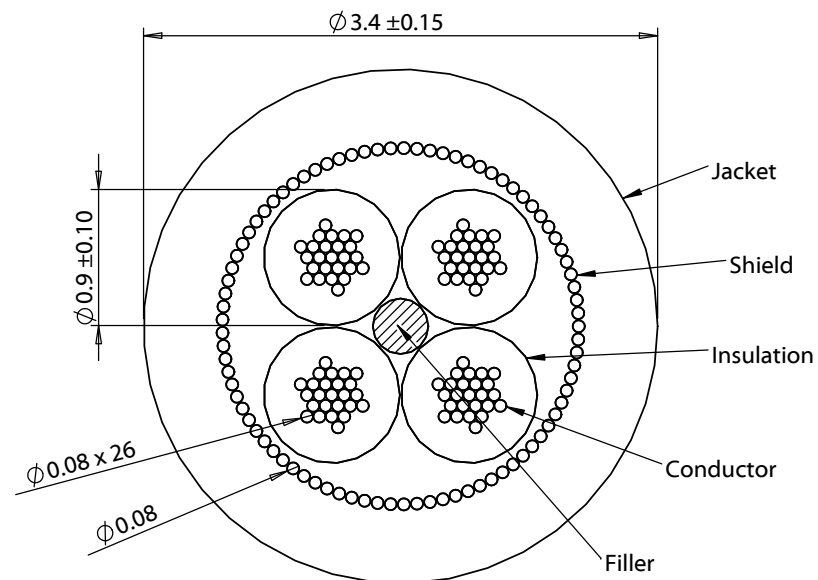
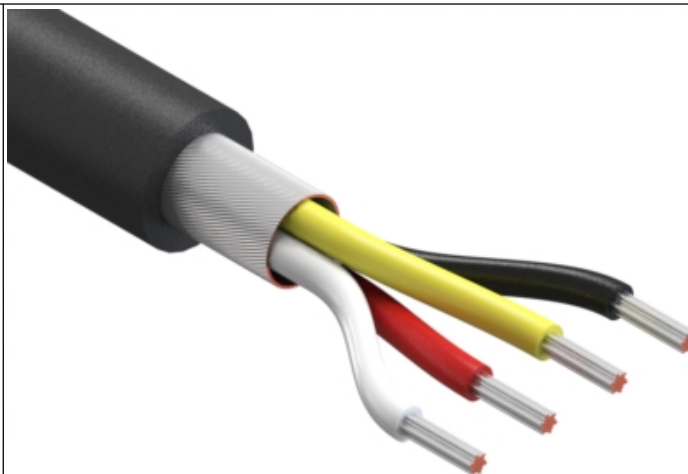
Diameter:  $\phi 3.4 \pm 0.15$  mm**Filler**

Material: kevlar

**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	9/29/2015	Initial release
A1	1/13/2016	Updated notes, corrected tolerances

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 and REACH compliant

Jacket meets ISO 10993 for biological compatibility

Phthalate and halogen free

Function test: no open, no short, no intermittent

DESCRIPTION:  
 Wire, 4C TS, 26 AWG, 150V, 70C, 3.4 mm, spiral shield, TPU

**TENSILITY**

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SIZE	PART NUMBER
A	30-00492

SCALE: 1:1

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