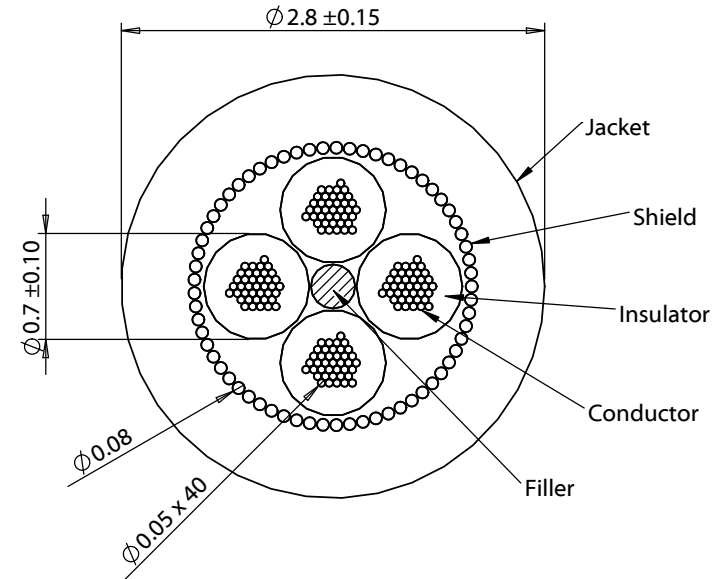
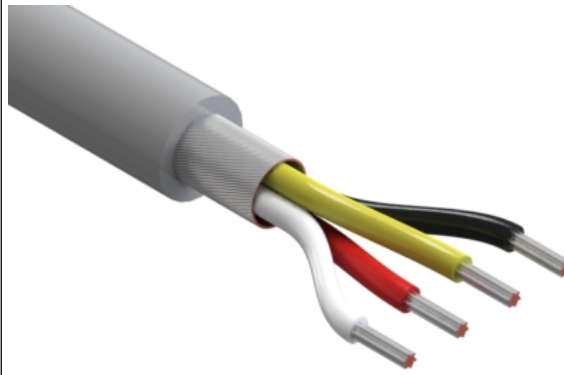


Ratings

Temperature: -40 ~ 70 °C

ConductorGauge: 28 AWG, 0.081 mm²
Material: tinned copper strands
Stranding: $\varnothing 0.05 \times 40$
Resistance at 20 °C: 240 Ω /km**Insulator**Material: HDPE
Color: black, white, yellow, red
Outer diameter: $\varnothing 0.7 \pm 0.10$ mm
Nominal thickness: 0.15 mm
Resistance at 20 °C: 1000 M Ω /km**Shield**Type: spiral
Material: tinned copper strands
Strand size: $\varnothing 0.08$ mm
Coverage: 90 % minimum**Outer jacket**Material: TPU, 70 °C
Color: cool gray 9C
Nominal thickness: 0.50 mm
Diameter: $\varnothing 2.8 \pm 0.15$ mm**Filler**

Material: aramid fiber

TestsTensile 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	4/24/2015	Initial release
A1	6/29/2015	Updated notes section
A2	1/13/2016	Updated notes, corrected tolerances
A3	1/17/2019	Changed filler material to generic name

PREPARED:**AG**Digitally signed by
AG
Date: 2019.01.18
10:27:04 -08'00'**VERIFIED:****GL**Digitally signed by
GL
Date: 2019.01.18
11:45:41 -08'00'**DIMENSIONS ARE IN MILLIMETERS****TOLERANCES:**
X: ± 0.5 mm
X.X: ± 0.3 mm
X.XX: ± 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, 28 AWG, 150V, 70C, 2.8 mm, spiral shield, TPU, gray

TENSILITY20802 Sockeye Place #130
Bend, OR 97701 USAtel 541.323.3228 fax 541.323.4202
800 877.670.7118 www.tensility.com

SIZE

A

PART NUMBER

30-00447

SCALE: 1:1

SHEET 1 OF 1