

Ratings

Temperature: -40 ~ 70 °C

Voltage: 150 V

ConductorGauge: 32 AWG 0.04 mm²

Material: tinned copper strands

Strand size: $\varnothing 0.05 \times 19$ Resistance at 20 °C: 590 Ω /km max**Insulator**

Material: HDPE

Color: purple, orange, green, blue, yellow, white, black, red

Diameter: $\varnothing 0.55 \pm 0.10$ mm

Nominal thickness: 0.15 mm

Resistance at 20 °C: 1000 M Ω /km min**Shield**

Type: spiral

Material: tinned copper strands

Stranding: $\varnothing 0.08$ mm

Coverage: 90 % min

Outer jacket

Material: TPU

Color: white (Cool Gray 1C)

Nominal thickness: 0.50 mm

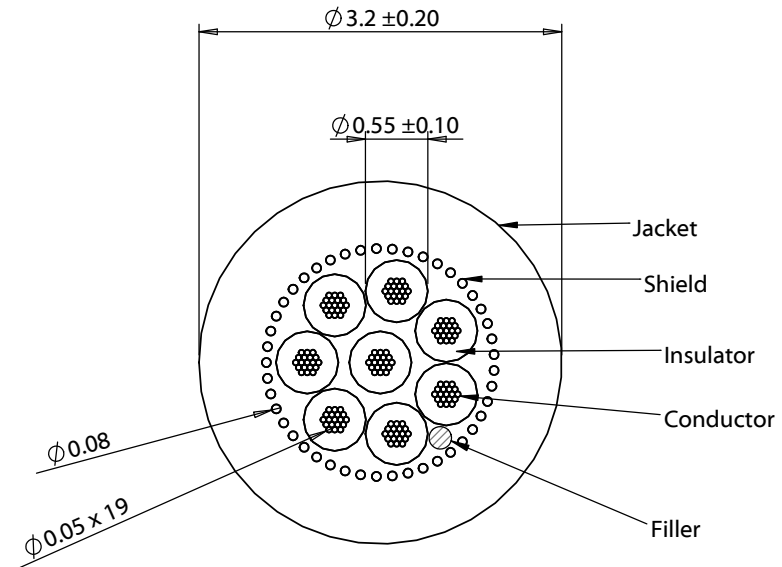
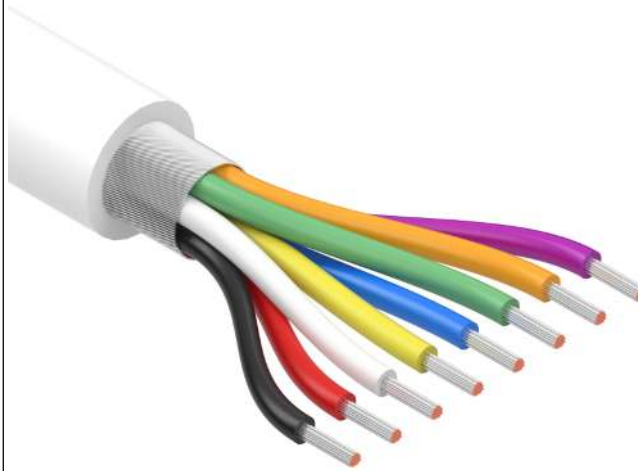
Diameter: $\varnothing 3.2 \pm 0.20$ mm**Filler**

Material: aramid fiber

Tests

Tensile strength: 25.5 kgf

Dielectric test: 1500 V dc for 1 minute without breakdown

Bend test at 200 g, $\pm 90^\circ$, 30 cycles /min: 10,000 cycle minimum

Revision:	Date:	Description:	Prepared:	Notes:	TENSILITY tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com		
A	10/10/2018	Initial release	PS Digitally signed by PS Date: 2019.07.19 10:14:52 +07'00'	RoHS compliant Jacket meets ISO 10993 Biological Compatibility Phthalate and halogen free Function test: no open, no short, no intermittent			
A1	1/18/2019	Changed filler material to generic name	CH Digitally signed by CH Date: 2019.07.19 10:36:00 -07'00'		Size:	Part number:	
			Dimensions are in millimeters.	Description:	A	30-01178	
			Tolerances:	Wire, 8C TS, 32 AWG, 150V, 70C, 3.2 mm, shielded, TPU, 75A, white, WBL	Scale:	15:1	Sheet 1 of 1
			X: ± 0.5 mm				
			X.X: ± 0.3 mm				
			X.XX: ± 0.05 mm				