

Ratings

Voltage: 60 V

Temperature: -50 ~ 125°C

Conductor

Conductor count: 5

Gauge: 18AWG 0.82 mm²

Material: tinned copper strands

Strand size: $\varnothing 0.23$ (x19) mmResistance at 20 °C: 23.2 Ω /km max**Insulator**

Material: XLPE

Color: green, black, red, white, blue

Diameter: $\varnothing 1.96 \pm 0.10$ mm

Nominal thickness: 0.37 mm

Resistance at 20 °C: 0.75 M Ω /km min**Wrap**

Material: PET

Filler

Material: Cotton rope

Outer jacket

Material: XLPE

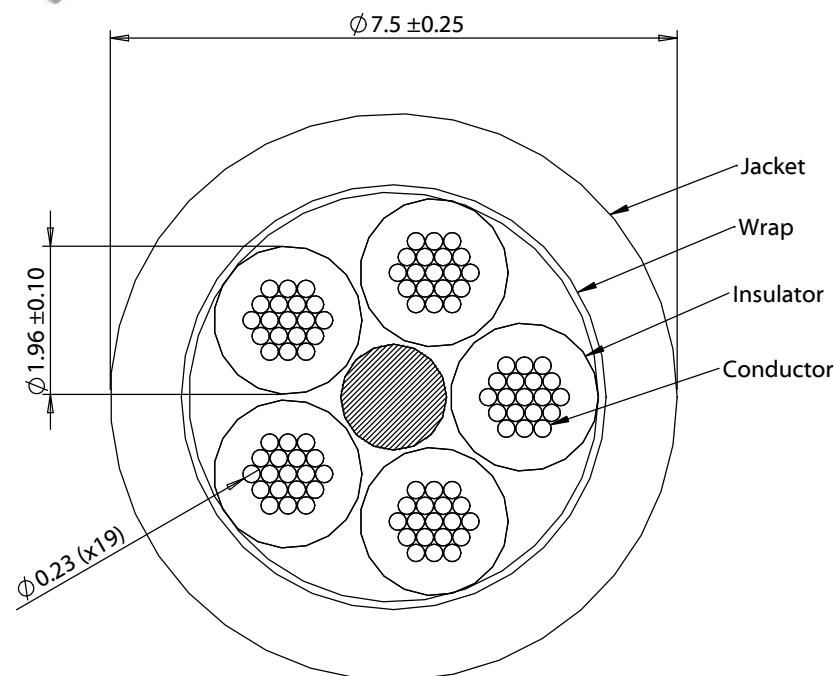
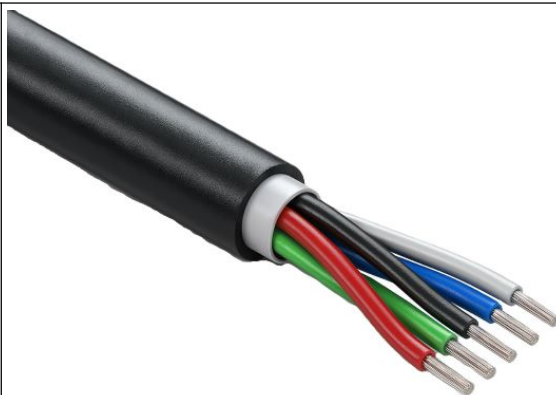
Color: Black

Diameter: $\varnothing 7.5 \pm 0.25$ mm

Nominal thickness: 0.95 mm

Wire marking: Tensility 18 AWG, TXL, 60V, 125C, XLPE**Meets or exceeds the following standards:**

SAE J1128 Low Voltage Primary Cable



Revision:	Date:	Description:	Prepared:	Notes: RoHS compliant Function test: no open, no short circuit, no intermittent	TENSILITY tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com		
A	9/16/2025	Initial release	Verified:				
			Dimensions are in millimeters. Tolerances: X: ± 0.3 mm X.X: ± 0.1 mm X.XX: ± 0.05 mm	Description: Wire, 5C TS, 18 AWG, 60V, 125C, 7.5 mm, TXL, XLPE	Size:	Part number:	
					A	30-03695	
					Scale:	10:1	Sheet 1 of 1

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