

Ratings

Voltage: 60 V
Temperature: -50 ~ 125°C

Conductor

Conductor count: 5
Gauge: 20AWG 0.56 mm²
Material: tinned copper strands
Strand size: $\varnothing 0.32$ (x7) mm
Resistance at 20 °C: 36.7 Ω /km max

Insulator

Material: XLPE
Color: green, black, red, white, blue
Diameter: 1.8 ± 0.1 mm
Nominal thickness: 0.37 mm
Resistance at 20 °C: 0.75 M Ω /km min

Wrap

Material: PET

Filler

Material: Cotton rope

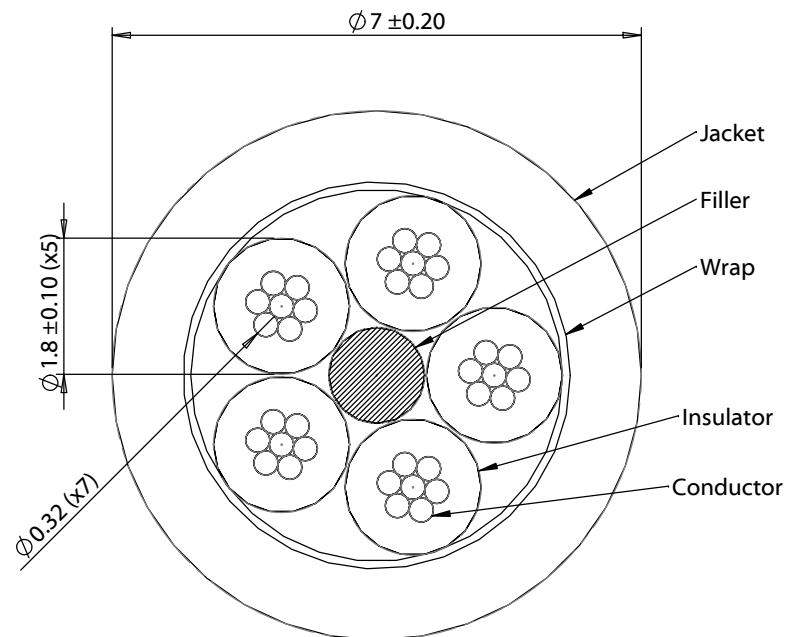
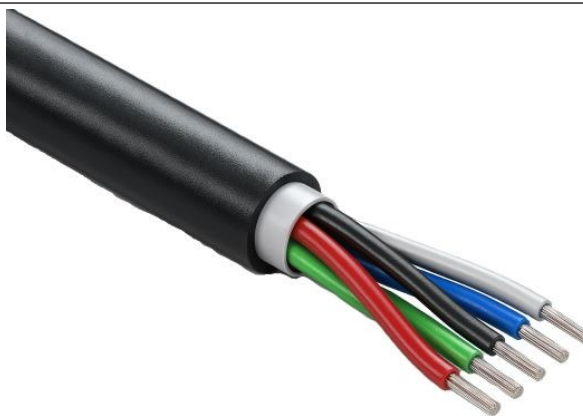
Outer jacket

Material: XLPE
Color: Black
Diameter: $\varnothing 7 \pm 0.20$ mm
Nominal thickness: 0.95 mm

Wire marking: Tensility 20 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	9/15/2025	Initial release	Verified:				
			Dimensions are in millimeters. Tolerances: X: ± 0.3 mm X.X: ± 0.1 mm X.XX: ± 0.05 mm	Description:	Size:	Part number:	
				Wire, 5C TS, 20 AWG, 60V, 125C, 7.0 mm, TXL, XLPE	A	30-03691	
					Scale: 10:1		Sheet 1 of 1

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