

Ratings

Voltage: 300 V
Temperature: -5 ~ 80 °C

Conductor

Gauge: 24 AWG
Material: bare copper strands
Strand size: $\varnothing 0.16$ mm
Strand count: 11

Insulator

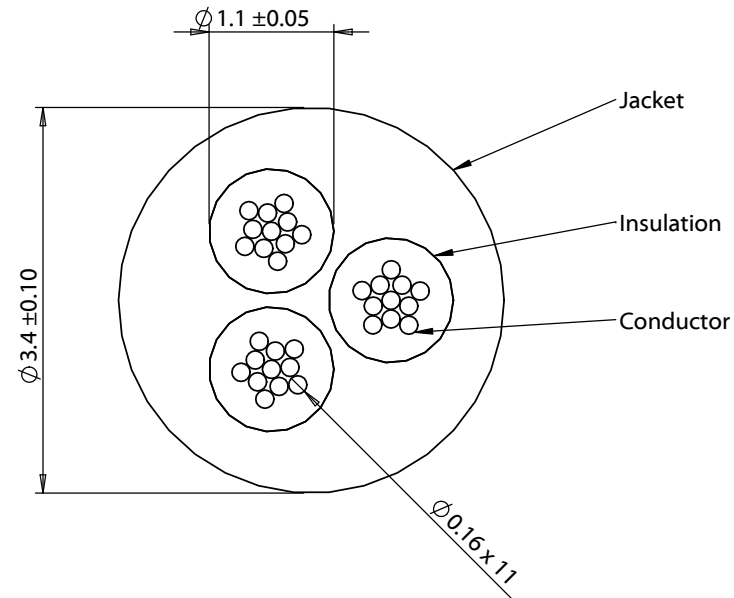
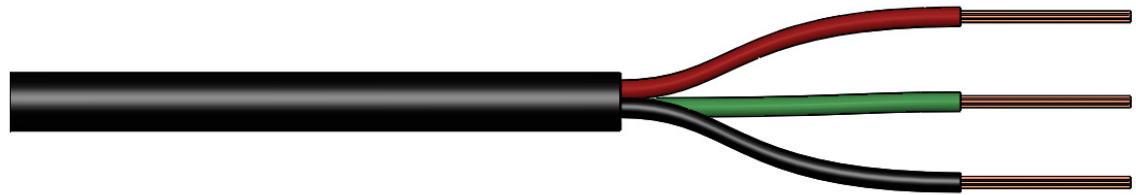
Material: PVC, 80 °C
Color: black, red, green
Outer diameter: 1.10 ± 0.05 mm
Durometer: 94 Shore A

Outer jacket

Material: PVC, 80 °C
Color: black
Diameter: 3.4 ± 0.10 mm
Durometer: 76 Shore A

Tests

Voltage test: 300 V
Jacket spark test: 3.0 kV
Insulation spark test: 2.5 kV
Max resistance at 20 °C: 87.5 ohm/km
Tensile strength: 1.05 kgf/mm²
After aging at 100 °C for 7 days:
Minimum tensile strength 70 % original
Minimum elongation 65 % original
Deformation: 121 ± 1 °C /1 hour, ≤ 50 %



REVISION	DATE	DESCRIPTION	PREPARED:	NOTES: RoHS and REACH compliant Electrical test: no open, no short circuit, no intermittent	TENSILITY 20802 Sockeye Place #130 Bend, OR 97701 USA tel 541.323.3228 fax 541.323.4202 800 877.670.7118 www.tensility.com		
A	3/14/2011	Initial release					
A1	8/13/2012	Added operating temperature	VERIFIED:	DESCRIPTION: Wire, 3C BC, 24 AWG, 300V, 80C, 3.4 mm, PVC, 76A	SIZE A PART NUMBER 30-00006		
			DIMENSIONS ARE IN MILLIMETERS				
			TOLERANCES: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm				
					SCALE: 10:1		WEIGHT:
							SHEET 1 OF 1