

Ratings

Voltage: 300 V
 Temperature: -25 ~ 80 °C
 Flammability: VW-1

Conductor

Conductor count: 3
 Gauge: 24 AWG 0.22 mm²
 Material: bare copper strands
 Strand size: Ø 0.16 mm x 11
 Resistance at 20 °C: 87.5 Ω /km max

Insulator

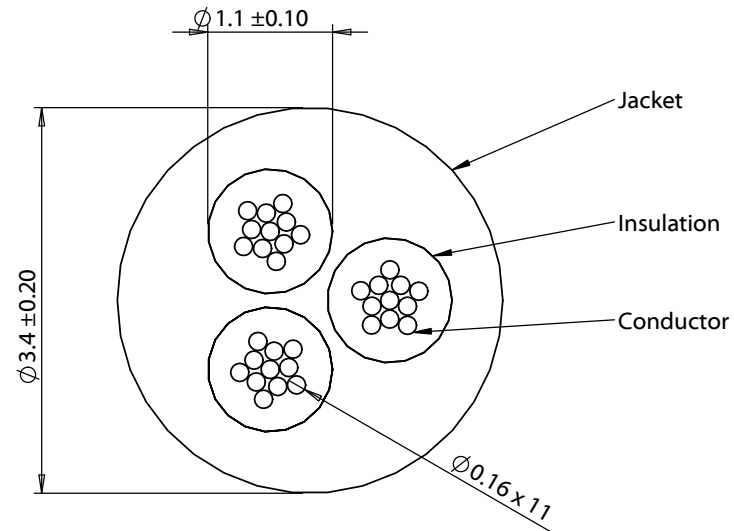
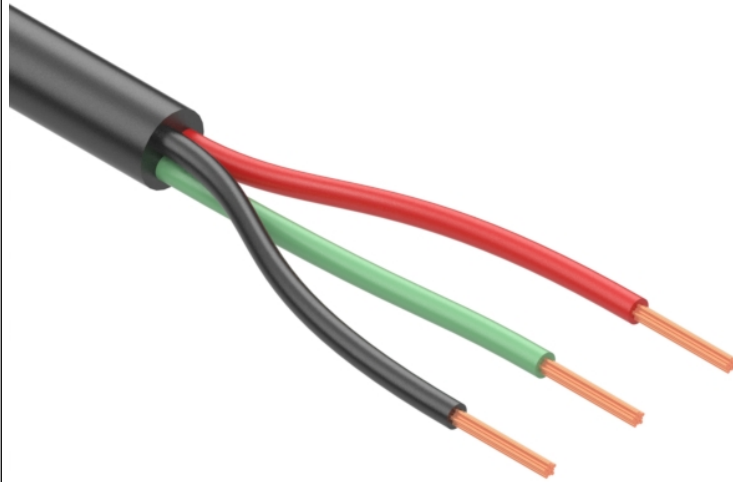
Material: PVC
 Color: black, red, green
 Diameter: Ø 1.1 ± 0.10 mm
 Nominal thickness: 0.23 mm
 Resistance at 20 °C: 10 MΩ /km min

Outer jacket

Material: PVC
 Color: black
 Diameter: Ø 3.4 ± 0.20 mm
 Nominal thickness: 0.51 mm

Tests

Insulation tensile strength: 2.11 kgf/mm²
 Jacket tensile strength: 1.05 kgf/mm²
 After aging at 113 ± 2 °C for 7 days:
 Minimum tensile strength 70 % original
 Minimum elongation 65 % original
 Heat shock: 121 ± 1 °C /1 hour, no observed degradation
 Deformation: 121 ± 1 °C /1 hour, ≤ 50 %
 Cold bend: -10 ± 2 °C /1 hour, no observed cracking



Revision:	Date:	Description:	Prepared:	Notes: RoHS and REACH compliant	<h1>TENSILITY</h1> <p>tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com</p>		
A	3/14/2011	Initial release	Verified:			Function test: no open, no short circuit, no intermittent	
A1	8/13/2012	Added operating temperature	Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	Description: Wire, 3C BC, 24 AWG, 300V, 80C, 3.4 mm, PVC	Size: A	Part number: 30-00006	
A2	8/2/2018	Increased operating temperature range			Scale: 15:1		Sheet 1 of 1
A3	12/27/2018	Corrected insulator colors					