

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

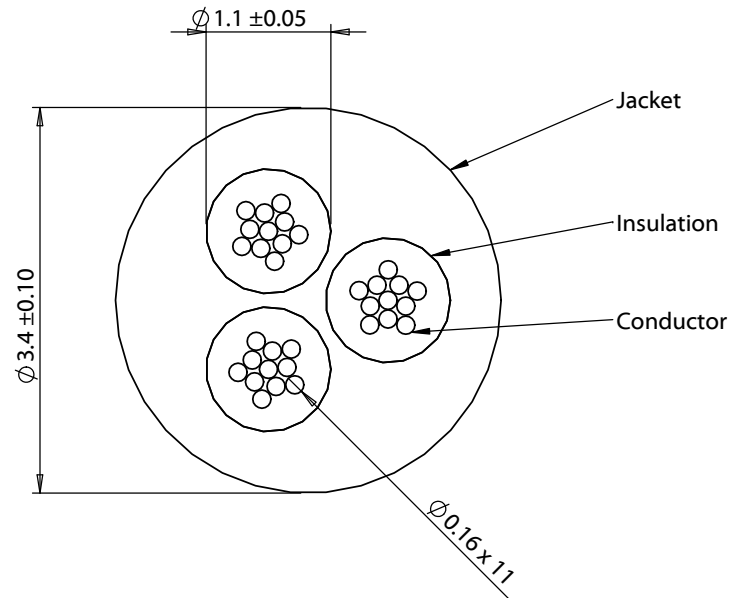
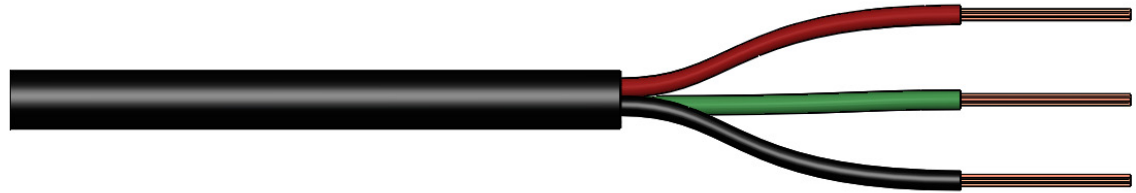
Material: PVC, 80 °C
 Color: black, red, green
 Outer diameter: 1.10 ± 0.05 mm
 Durometer: 94 Shore A

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
A	3/14/2011	Initial release
A1	8/13/2012	Added operating temperature

PREPARED:

VERIFIED:

DIMENSIONS ARE IN MILLIMETERS

TOLERANCES:
 X: ± 0.5 mm
 X.X: ± 0.3 mm
 X.XX: ± 0.05 mm

NOTES:
 RoHS and REACH compliant

Electrical test: no open, no short circuit, no intermittent

DESCRIPTION:
 Wire, 3C BC, 24 AWG, 300V, 80C, 3.4 mm, PVC, 76A

TENSILITY

20802 Sockeye Place #130
 Bend, OR 97701 USA
 tel 541.323.3228 fax 541.323.4202
 800 877.670.7118 www.tensility.com

SIZE A	PART NUMBER 30-00006	
SCALE: 10:1	WEIGHT:	SHEET 1 OF 1