

**Ratings**

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

**Conductor**

Gauge: 24 AWG  
 Material: bare copper strands  
 Strand size: Ø 0.16 mm  
 Strand count: 11

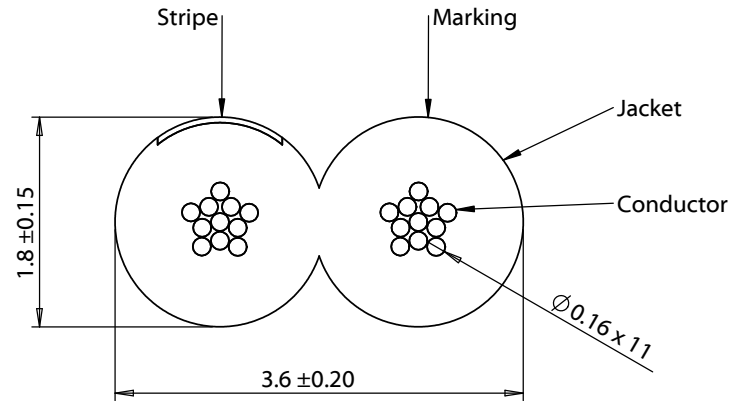
**Jacket**

Material: PVC, 80 °C  
 Color: black  
 Diameter: 3.6 ±0.20 mm (1.8 x 3.6)

**Wire marking:** E339579 UL AWM STYLE 2468 24AWG 80°C  
 300V VW-1 - - - cUL AWM I A 80°C 300V FT1 TENSILITY

**Tests**

Voltage test: 300 V  
 Spark test: 3.0/4.0 kV  
 Max resistance at 20 °C: 87.5 ohm/km  
 Dielectric test: 2000 Vac for 1 minute  
 Tensile strength: 1.05 kgf/mm<sup>2</sup>  
 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 ±1 °C /1 hour, no observed cracking  
 Flammability: VW-1



REVISION	DATE	DESCRIPTION
A	4/19/2010	Initial release
A1	9/28/2011	added marking and updated description
A2	8/13/2012	Added operating temperature
A3	1/08/2016	Corrected tolerances

PREPARED:

NOTES:

RoHS and REACH compliant

VERIFIED:

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

DIMENSIONS ARE IN MILLIMETERS

DESCRIPTION:

Wire, 2C BC, 24 AWG, UL2468, 300V, 80C, 3.6 mm, VW-1, PVC, 76A

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

**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

**30-00003**

SCALE: 15:1

WEIGHT:

SHEET 1 OF 1