

Ratings

Voltage: 300 V
 Temperature: -10 ~ 80 °C

Conductor

Gauge: 22 AWG
 Material: bare copper strands
 Strand size: \varnothing 0.16 mm
 Strand count: 17

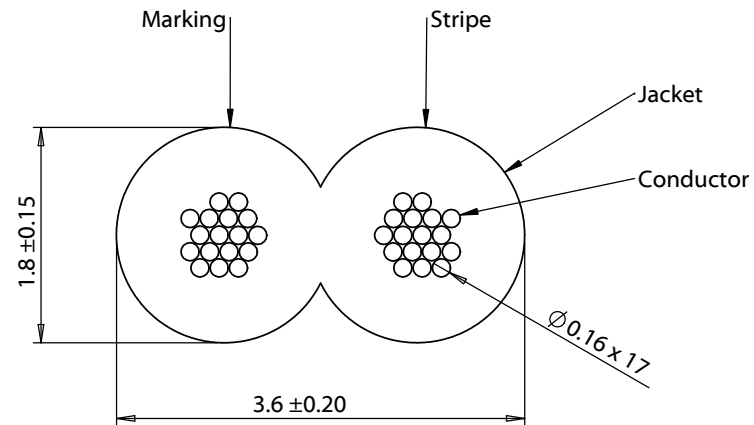
Outer jacket

Material: PVC, 80 °C
 Color: black
 Thickness: 0.38 mm
 Diameter: 3.6 ± 0.20 mm (1.8 x 3.6)
 Durometer: 87 Shore A

Wire marking: E339579 AWM STYLE 2468 22 AWG 80°C 300V VW-1 --- C 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: 55.3 ohm/km
 Jacket tensile strength: 1.05 kgf/mm²
 After aging at 113 \pm 2 °C for 7 days:
 Minimum tensile strength 70 % original
 Minimum elongation 65 % original
 Heat shock: 121 \pm 1 °C /1 hour, no observed degradation
 Deformation: 121 \pm 1 °C /1 hour, \leq 50 %
 Cold bend: -10 \pm 1 °C /1 hour, no observed cracking
 Flammability: VW-1



REVISION	DATE	DESCRIPTION	PREPARED:	NOTES:	<h1>TENSILITY</h1> <p>20802 Sockeye Place #130 Bend, OR 97701 USA tel 541.323.3228 fax 541.323.4202 800 877.670.7118 www.tensility.com</p>		
A	9/27/2010	Initial release		RoHS and REACH compliant			
A1	8/13/2012	Added operating temperature	VERIFIED:	Electrical test: no open, no short circuit, no intermittent			
A2	10/29/2013	updated description					
A3	1/08/2016	Corrected tolerances		DESCRIPTION: Wire, 2C BC, 22 AWG, UL2468, 300V, 80C, 3.6 mm, PVC, 87A	<table border="1"> <tr> <td>SIZE A</td> <td>PART NUMBER 30-00008</td> </tr> </table>	SIZE A	PART NUMBER 30-00008
SIZE A	PART NUMBER 30-00008						
			DIMENSIONS ARE IN MILLIMETERS TOLERANCES: X: \pm 0.5 mm X.X: \pm 0.3 mm X.XX: \pm 0.05 mm	SCALE: 15:1	WEIGHT:	SHEET 1 OF 1	