

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

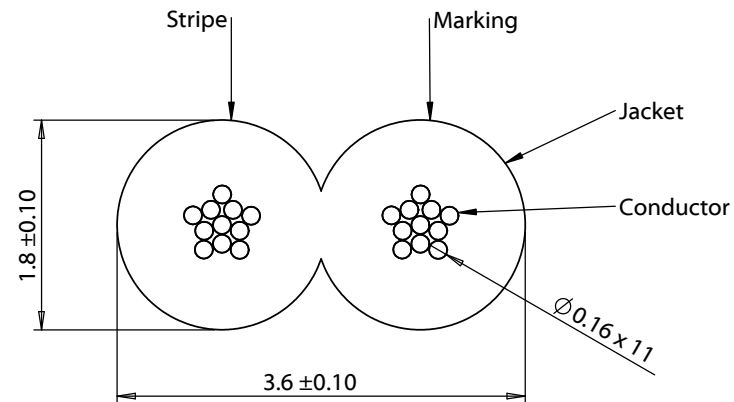
Outer jacket

Material: PVC, 80 °C
Color: black
Diameter: 3.6 ± 0.10 mm (1.8 x 3.6)
Durometer: 87 Shore A

Wire marking: E339579  AWM STYLE 2468 24AWG 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: 87.5 ohm/km
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 ± 1 °C /1 hour, no observed cracking
Flammability: VW-1



REVISION	DATE	DESCRIPTION	PREPARED:	NOTES:	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	4/19/2010	Initial release	VERIFIED:	RoHS and REACH compliant			
A1	9/28/2011	added marking and updated description		Electrical test: no open, no short circuit, no intermittent			
A2	8/13/2012	Added operating temperature					
			DIMENSIONS ARE IN MILLIMETERS	DESCRIPTION:	SIZE	PART NUMBER	
			TOLERANCES:	Wire, 2C BC, 24 AWG, UL2468, 300V, 80C, 3.6 mm, VW-1, PVC, 76A	A	30-00003	
			X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm		SCALE: 15:1	WEIGHT:	SHEET 1 OF 1