

Ratings

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

Conductor

Gauge: 26 AWG
 Material: tinned copper strands
 Strand size: \varnothing 0.16 mm
 Strand count: 7

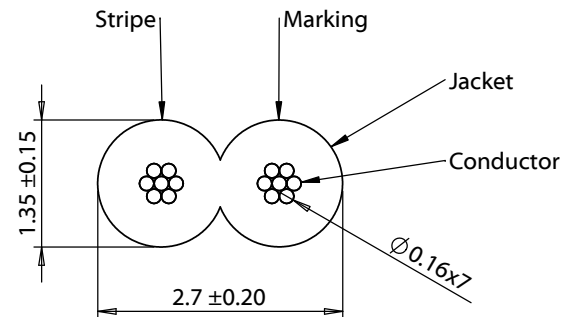
Outer jacket

Material: PVC, 80 °C
 Color: black
 Thickness: 0.38 mm
 Diameter: 2.7 ± 0.20 mm (1.35 x 2.7)
 Durometer: 87 Shore A

Wire marking: E339579 AWM STYLE 2468 26 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: 150 ohm/km
 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
 Dielectric test: 2000 V ac for 1 minute without breakdown



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	06/27/2014	Initial release		RoHS and REACH compliant		
A1	1/08/2016	Corrected tolerances	VERIFIED:	Electrical test: no open, no short circuit, no intermittent		
			DIMENSIONS ARE IN MILLIMETERS	DESCRIPTION: Wire, 2C TS, 26 AWG, UL2468, 300V, 80C, 2.7 mm, VW-1, PVC, 87A		
			TOLERANCES: X: \pm 0.5 mm X.X: \pm 0.3 mm X.XX: \pm 0.05 mm	SIZE A	PART NUMBER 30-00407	
				SCALE: 12:1	WEIGHT:	SHEET 1 OF 1