

Ratings

Voltage: 300 V
 Temperature: -10 to 105 °C
 Flammability: VW-1

Conductor

Conductor count: 2
 Gauge: 26 AWG 0.14 mm²
 Material: tinned copper strands
 Strand size: Ø 0.16 mm x 7
 Max resistance at 20 °C: 150 Ω/km

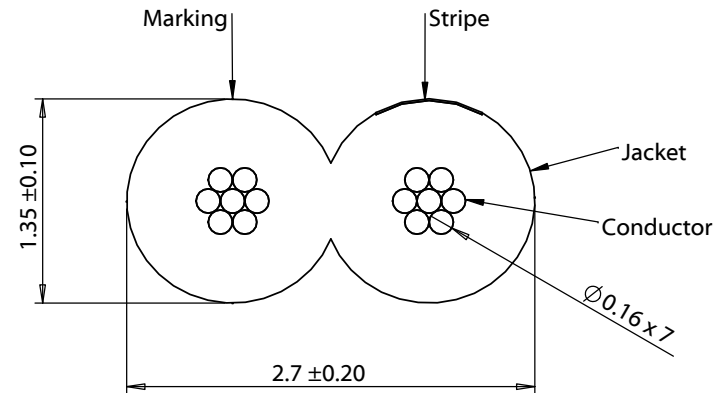
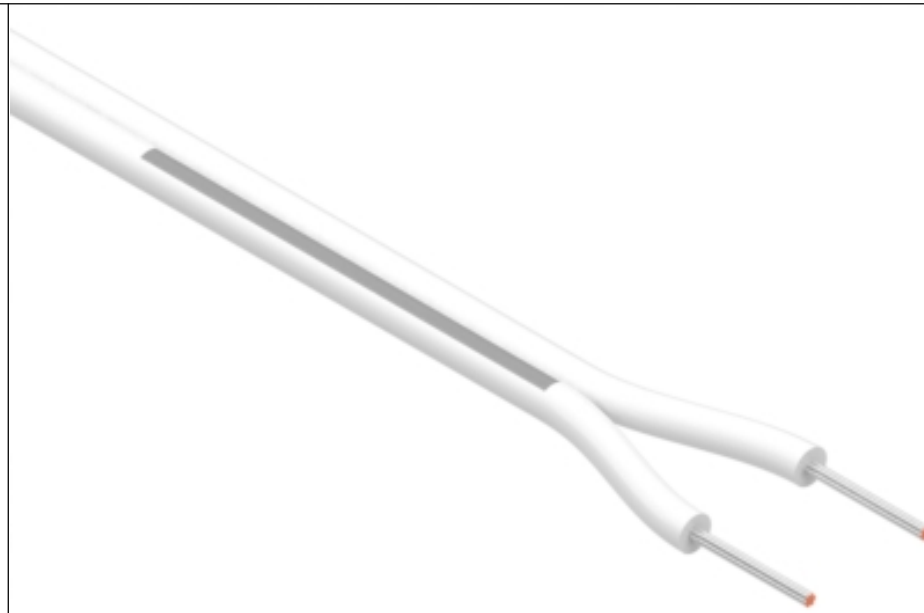
Outer jacket

Material: PVC, 38P
 Color: white
 Diameter: 2.7 ±0.20 mm (1.35x2)
 Nominal thickness: 0.40 mm
 Max resistance at 20 °C: 10 MΩ/km

Wire marking: E339579 UL AWM STYLE 2651 26 AWG 105°C
 300V VW-1 --- cUL AWM I A 105°C 300V FT1 TENSILITY

Tests

Voltage test: 300 V
 Spark test: 3.0 kV
 Jacket tensile strength: 1.05 kgf/mm²
 After aging at 136 ±2 °C for 7 days:
 Minimum tensile strength 70 % original
 Minimum elongation 65 % original
 Heat shock: 136 ±1 °C /1 hour, no observed degradation
 Deformation: 136 ±1 °C /1 hour, ≤ 50 %
 Cold bend: -10 ±2 °C /1 hour, no observed cracking
 Dielectric test: 2000 Vac for 1 minute without breakdown



Revision:	Date:	Description:	Prepared:	Notes:	TENSILITY tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com
A	3/2/2017	Initial release	Verified:	RoHS and REACH compliant Function test: no open, no short circuit, no intermittent	
			Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	Description: Wire, 2C TS, 26 AWG, UL2651, 300V, 105C, 2.7 mm, VW-1, PVC, 38P, white	Size: Part number: A 30-00806
					Scale: 20:1 Sheet 1 of 1