

Ratings

Voltage: 300 V

Temperature: -25 ~ 80 °C

Flammability: VW-1

Conductor

Conductor count: 2

Gauge: 20 AWG 0.52 mm²

Material: tinned copper strands

Strand size: $\varnothing 0.16 \times 26$ Resistance at 20 °C: 36.7 Ω /km max**Outer jacket**

Material: PVC

Color: clear

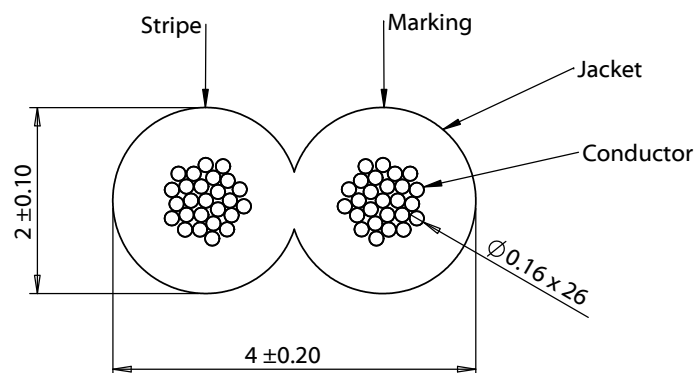
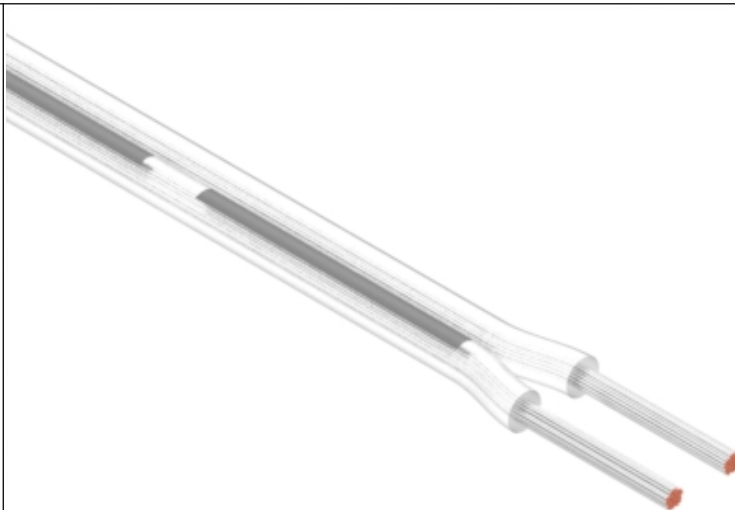
Diameter: 4 ± 0.20 mm

Nominal thickness: 0.50 mm

Resistance at 20 °C: 10 M Ω /km min**Wire marking:** E339579 UL AWM STYLE 2468 20 AWG 80°C
300V VW-1 - - - cUL AWM I A 80°C 300V FT1 TENSILITY**Tests**Insulation tensile strength: 2.11 kgf/mm²Jacket tensile strength: 1.05 kgf/mm²After 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 degradationDeformation: 121 ± 1 °C /1 hour, ≤ 50 %Cold bend: -10 ± 2 °C /1 hour, no observed cracking

Revision:	Date:	Description:	Prepared:	Notes:	TENSILITY tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com		
A	10/15/2014	01/08/2016	Verified:	RoHS and REACH compliant			
A1	01/08/2016	Corrected tolerances	Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	Function test: no open, no short circuit, no intermittent	Part number: 30-00400		
A2	09/06/2018	Increased operating temperature range		Description: Wire, 2C TS, 20 AWG, UL2468, 300V, 80C, 4.0 mm, VW-1, PVC, clear	Size: A		
					Scale: 12:1		Sheet 1 of 1

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