

Ratings

Voltage: 300 V

Temperature: -25 ~ 80 °C

Flammability: VW-1

Conductor

Conductor count: 2

Gauge: 26 AWG 0.14 mm²

Material: tinned copper strands

Strand size: $\varnothing 0.16 \times 7$

Resistance at 20 °C: 150 Ω /km max

Insulator

Material: PVC

Color: black, red

Diameter: $\varnothing 1.1 \pm 0.10$ mm

Nominal thickness: 0.29 mm

Resistance at 20 °C: 10 M Ω /km min

Outer jacket

Material: PVC

Color: gray

Diameter: $\varnothing 3.8 \pm 0.15$ mm

Nominal thickness: 0.80 mm

Wire marking: E339579 UL AWM STYLE 2464 26 AWG 80°C
300V VW-1 --- cUL AWM I/II A 80°C 300V FT1 TENSILITY

Tests

Insulation tensile strength: 2.11 kgf/mm²

Jacket tensile strength: 1.05 kgf/mm²

After aging at 113 ± 2 °C for 7 days:

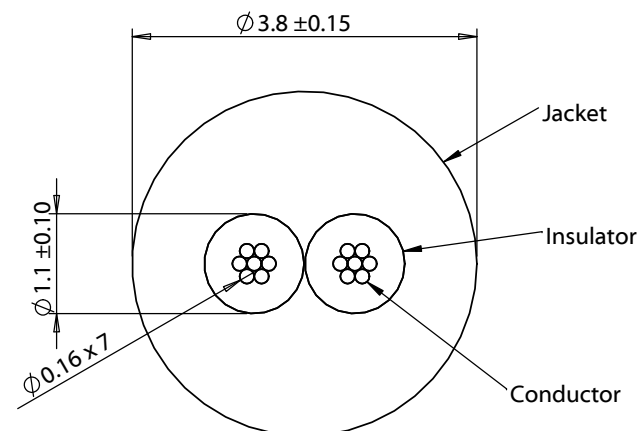
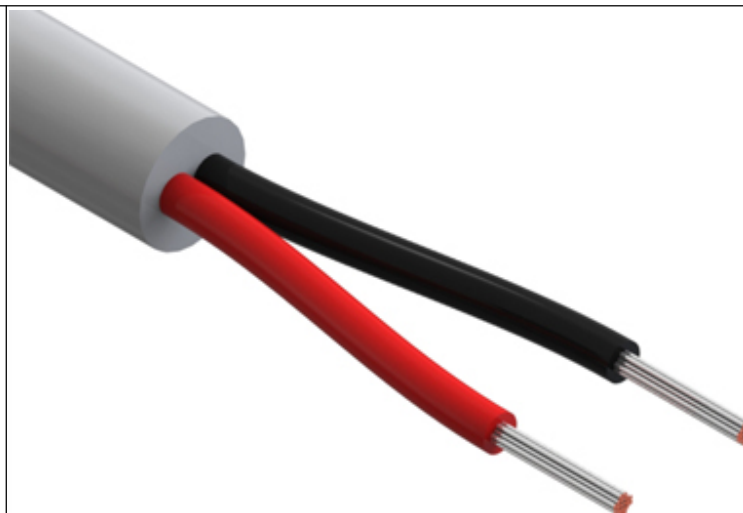
Minimum tensile strength 70 % original

Minimum elongation 65 % original

Heat shock: 121 ± 1 °C /1 hour, no observed degradation

Deformation: 121 ± 1 °C /1 hour, ≤ 50 %

Cold bend: -10 ± 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	01/22/2016	Initial release	Verified:	RoHS and REACH compliant Function test: no open, no short circuit, no intermittent			
A1	09/06/2018	Increased operating temperature range	Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	Description:	Size:	Part number:	
				Wire, 2C TS, 26 AWG, UL2464, 300V, 80C, 3.8 mm, VW-1, PVC, gray	A	30-00697	
					Scale:	12:1	Sheet 1 of 1

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