

Ratings

Voltage: 300 V

Temperature: -25 ~ 80 °C

Flammability: VW-1

Conductor

Conductor count: 4

Gauge: 24 AWG 0.22 mm²

Material: tinned copper strands

Strand size: Ø 0.16 x 11

Resistance at 20 °C: 94.2 Ω /km max

Insulator

Material: PVC

Color: black, white, red, yellow

Diameter: Ø 1.2 ±0.1 mm

Nominal thickness: 0.27 mm

Resistance at 20 °C: 10 MΩ /km min

Outer jacket

Material: PVC

Color: gray

Diameter: Ø 4.5 ±0.2 mm

Nominal thickness: 0.80 mm

Wire marking: E339579 UL AWM STYLE 2464 24 AWG 80°C
300V VW-1 --- cUL AWM I/II A 80°C 300V FT1 LF 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:

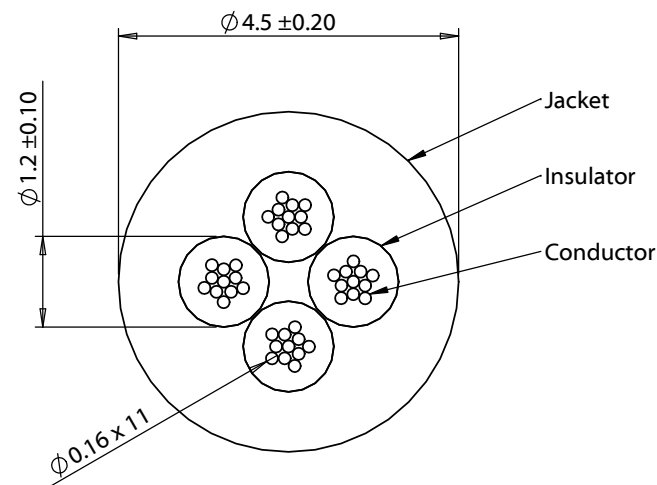
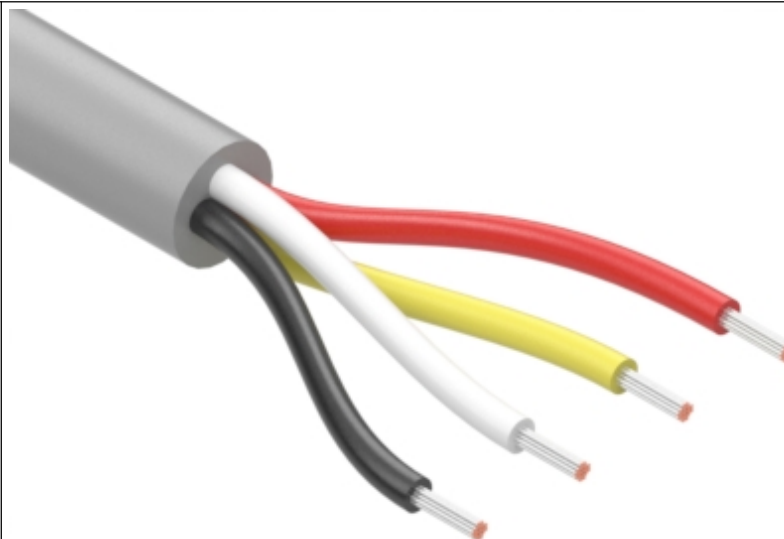
Minimum tensile strength 70 % original

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	10/15/2014	Initial release	Verified:	RoHS and REACH compliant Function test: no open, no short circuit, no intermittent			
A1	09/07/2018	Increased operating temperature range	Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	Description: Wire, 4C TS, 24 AWG, UL2464, 300V, 80C, 4.5 mm, VW-1, PVC, gray	Size: A	Part number: 30-00391	
					Scale: 10:1		Sheet 1 of 1

5

4

3

2

1