

Ratings

Voltage: 300 V
Temperature: 80 °C
Flammability: VW-1, FT1

Conductor

Conductor count: 2
Gauge: 24 AWG, 0.22 mm²
Material: tinned copper strands
Stranding: $\varnothing 0.16 \times 11$
Resistance at 20 °C: 95 ohm/km maximum

Insulator

Material: SRPVC, 80 °C
Color: black, red
Outer diameter: $\varnothing 1.2 \pm 0.10$ mm
Thickness: 0.23 mm minimum average
Style: UL 1061

Outer jacket

Material: PVC, 80 °C
Color: black
Diameter: $\varnothing 4 \pm 0.20$ mm
Thickness: 0.76 mm minimum average

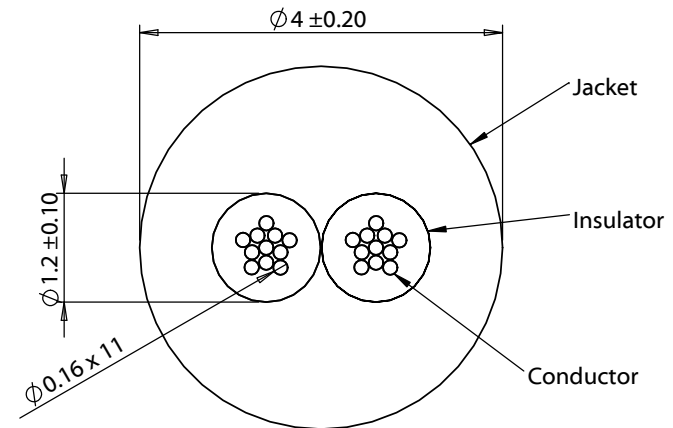
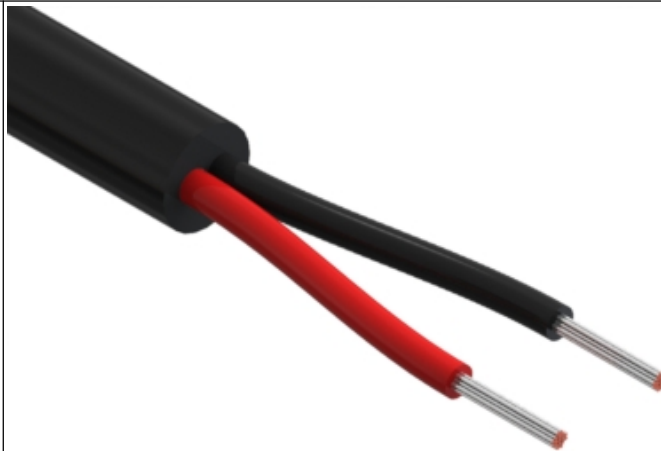
Wire marking: E339579 UL AWM STYLE 2464 24AWG 80°C 300V VW-1 --- cUL AWM I A 80°C 300V FT1 TENSILITY

Tests

Tensile strength: 1.05 kgf/mm²
After aging at 113 ± 2 °C for 7 days:
Minimum tensile strength 70 % original
Minimum elongation 65 % original
Flexibility: no observed cracking
Heat shock: 121 ± 1 °C /1 hour, no observed degradation
Deformation: 121 ± 1 °C /1hour, ≤ 50 %
Cold bend: -10 ± 2 °C /1 hour, no observed cracking
Dielectric: 2000 Vac for 1 minute without breakdown

Use:

Internal wiring or external interconnection of electronic equipment



REVISION	DATE	DESCRIPTION	PREPARED:	NOTES	TENSILITY 20802 Sockeye Place #130 Bend, OR 97701 USA tel 541.323.3228 fax 541.323.4202 800 877.670.7118 www.tensility.com		
A	1/22/2016	Initial release	VERIFIED:	RoHS and REACH compliant Function test: no open, no short circuit, no intermittent Meets UL appliance wiring standard 758			
			DIMENSIONS ARE IN MILLIMETERS	DESCRIPTION: Wire, 2C TS, 24 AWG, UL2464, 300V, 80C, 4.0 mm, VW-1, PVC	A	30-00692	
			TOLERANCES: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm		SCALE: 12:1		SHEET 1 OF 1