

Ratings

Voltage: 300 V
Temperature: 80 °C

Conductor

Gauge: 22 AWG
Material: tinned copper strands
Strand size: Ø 0.16 mm
Strand count: 17

Insulator

Material: PVC, 80 °C
Color: black, white, red, yellow
Nominal thickness: 0.23 mm
Outer diameter: 1.35 mm

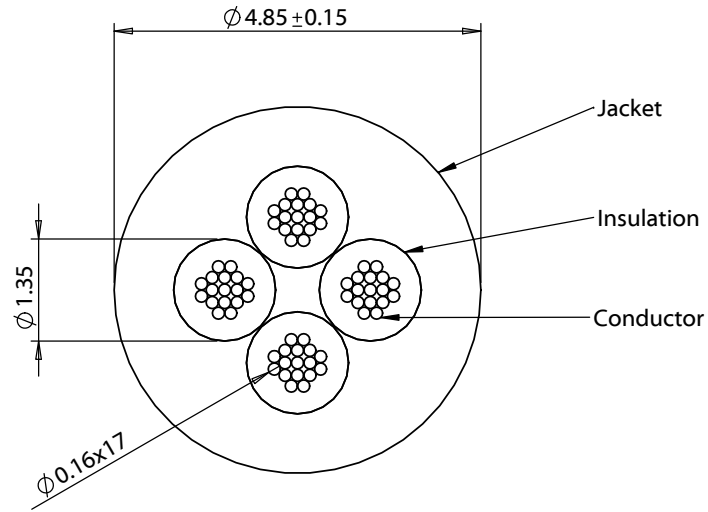
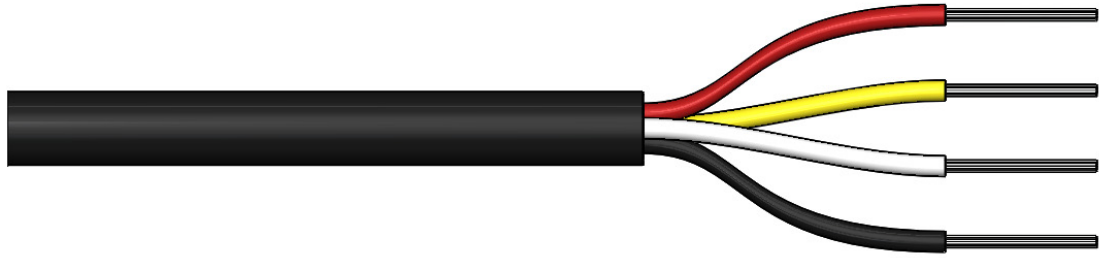
Outer jacket

Material: PVC, 80 °C
Color: black
Thickness: 0.76 mm
Diameter: 4.85 ±0.15 mm
Durometer: 91 Shore A

Wire marking: E339579 AWM STYLE 2464 22AWG 80°C 300V VW-1 --- C AWM I A 80°C 300V FT1 LF TENSILITY HLE

Tests

Voltage test: 300 V
Spark test: 3.0 kV
Max resistance at 20 °C: 59.4 ohm/km
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 ±1 °C /1 hour, no observed cracking
Flammability: VW-1
Dielectric test: 2000 V ac for 1 minute without breakdown



REVISION	DATE	DESCRIPTION	PREPARED:	NOTES: RoHS and REACH compliant Electrical test: no open, no short circuit, no intermittent	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	06/26/2014	Initial release	VERIFIED:				
			DIMENSIONS ARE IN MILLIMETERS				
			TOLERANCES: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm				
			DESCRIPTION: Wire, 4C TS, 22 AWG, UL2464, 300V, 80C, 4.85 mm, VW-1, PVC, 91A				
				SIZE: A	PART NUMBER: 30-00386		
				SCALE: 10:1	WEIGHT:	SHEET 1 OF 1	