

Ratings
Voltage: 300 V
Temperature: 80 °C

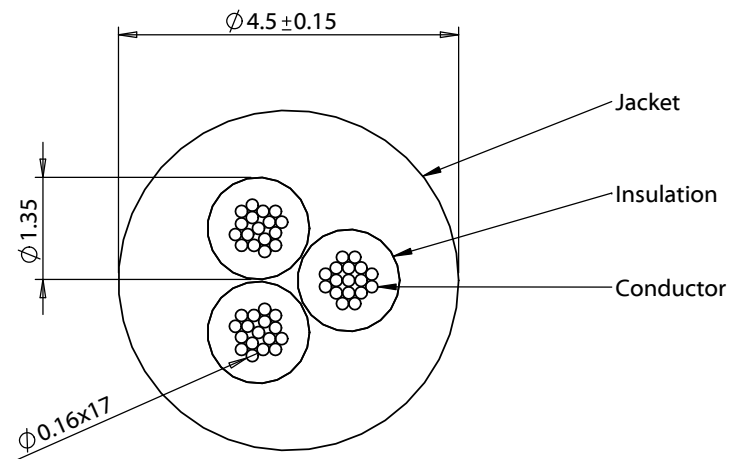
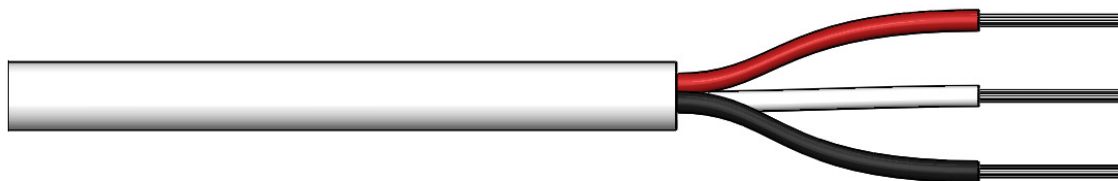
Conductor
Gauge: 22 AWG
Material: tinned copper strands
Strand size: $\varnothing 0.16$ mm
Strand count: 17

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

Outer jacket
Material: PVC, 80 °C
Color: white
Thickness: 0.76 mm
Diameter: 4.50 ± 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
A	06/25/2014	Initial release

PREPARED:	NOTES: RoHS and REACH compliant Electrical test: no open, no short circuit, no intermittent
VERIFIED:	
DIMENSIONS ARE IN MILLIMETERS	DESCRIPTION: Wire, 3C TS, 22 AWG, UL2464, 300V, 80C, 4.5 mm, VW-1, PVC, 91A, white
TOLERANCES: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	

TENSILITY 20802 Sockeye Place #130 Bend, OR 97701 USA tel 541.323.3228 fax 541.323.4202 800 877.670.7118 www.tensility.com			
SIZE A	PART NUMBER 30-00372		
SCALE: 10:1	WEIGHT:	SHEET 1 OF 1	