Ratings
Voltage: 300 V
Temperature: 80 °C

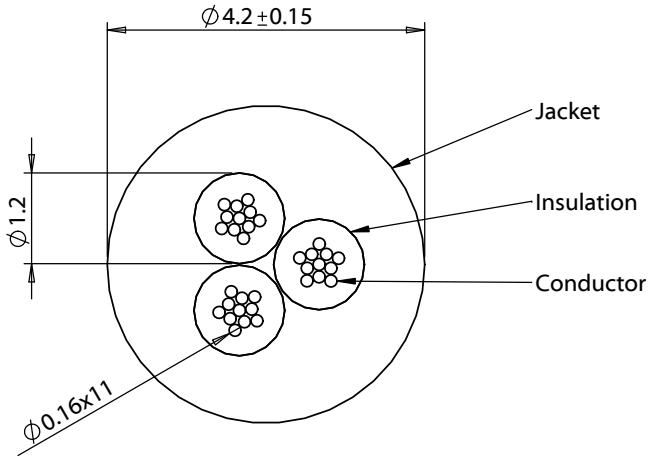
Conductor
Gauge: 24 AWG
Material: tinned copper strands
Strand size: Ø 0.16 mm
Strand count: 11

Insulator
Material: PVC, 80 °C
Color: black, white, red
Nominal thickness: 0.23 mm
Outer diameter: 1.20 mm

Outer jacket
Material: PVC, 80 °C
Color: black
Thickness: 0.76 mm
Diameter: 4.20 ±0.15 mm
Durometer: 91 Shore A

Wire marking: E339579 AWM STYLE 2464 24AWG 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: 94.2 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:
AG
2014.06.25 08:32:57 -07'00'

VERIFIED:
JM
2014.06.25 09:39:38 -07'00'

DIMENSIONS ARE IN MILLIMETERS

TOLERANCES:
X: ± 0.5 mm
X.X: ± 0.3 mm
X.XX: ± 0.05 mm

NOTES:
RoHS and REACH compliant

Electrical test: no open, no short circuit, no intermittent

DESCRIPTION:
Wire, 3C TS, 24 AWG, UL2464, 300V, 80C, 4.2 mm, VW-1, PVC, 91A

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** 30-00374

SCALE: 10:1 | WEIGHT: | SHEET 1 OF 1

5 4 3 2 1