

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
 Nominal thickness: 0.23 mm
 Outer diameter: 1.35 mm

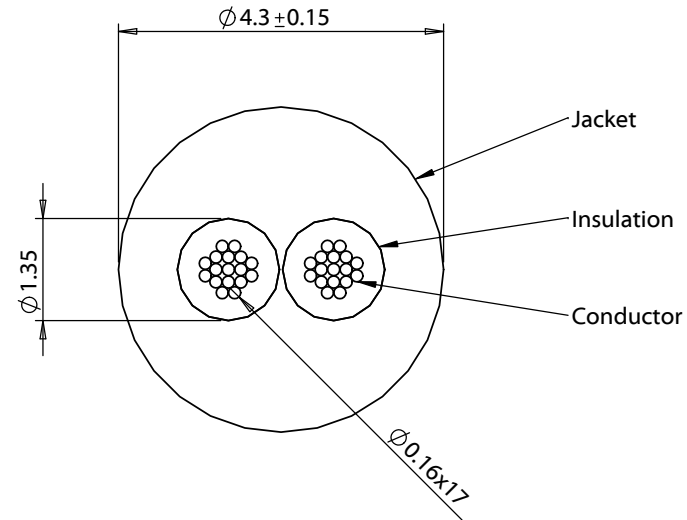
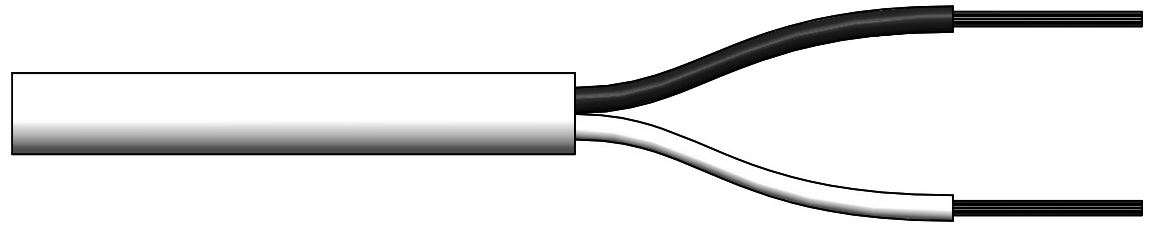
Outer jacket

Material: PVC, 80 °C
 Color: white
 Thickness: 0.76 mm
 Diameter: 4.3 ± 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 \pm 2 °C for 7 days:
 Minimum tensile strength 70 % original
 Minimum elongation 65 % original
 Heat shock: 121 \pm 1 °C /1 hour, no observed degradation
 Deformation: 121 \pm 1 °C /1 hour, \leq 50 %
 Cold bend: -10 \pm 1 °C /1 hour, no observed cracking
 Flammability: VW-1
 Dielectric test: 2000 V ac for 1 minute without breakdown



REVISION	DATE	DESCRIPTION
A	06/24/2014	Initial release

PREPARED:

NOTES:

RoHS and REACH compliant

VERIFIED:

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

DIMENSIONS ARE IN MILLIMETERS

DESCRIPTION:

Wire, 2C TS, 22 AWG, UL2464, 300V, 80C, 4.3 mm, VW-1, PVC, 91A, white

TOLERANCES:
 X: \pm 0.5 mm
 X.X: \pm 0.3 mm
 X.XX: \pm 0.05 mm

TENSILITY

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SIZE

A

PART NUMBER

30-00357

SCALE: 10:1

WEIGHT:

SHEET 1 OF 1