

Ratings

Voltage: 300 V
Temperature: -25 ~ 80 °C
Flammability: VW-1

Conductor

Conductor count: 4
Gauge: 22 AWG 0.34 mm²
Material: tinned copper strands
Strand size: Ø 0.16 x 17
Resistance at 20 °C: 59.4 Ω /km max

Insulator

Material: PVC
Color: black, white, red, yellow
Diameter: Ø 1.35 ±0.10 mm
Nominal thickness: 0.28 mm
Resistance at 20 °C: 10 MΩ /km min

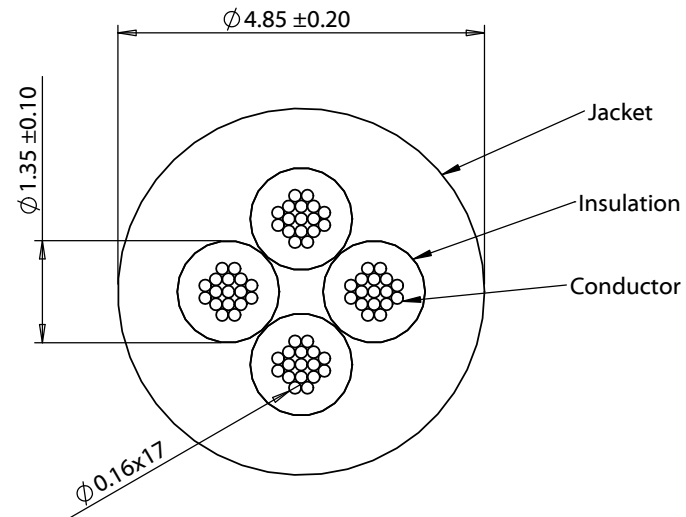
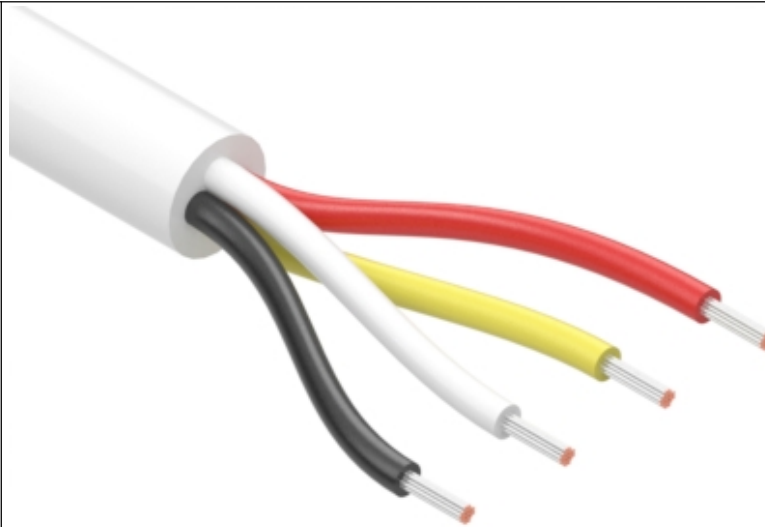
Outer jacket

Material: PVC
Color: white
Diameter: Ø 4.85 ±0.20 mm
Nominal thickness: 0.79 mm

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

Tests

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 ±2 °C /1 hour, no observed cracking



Revision:	Date:	Description:
A	06/26/2014	Initial release
A1	09/06/2018	Increased operating temperature range

Prepared: GL <small>Digitally signed by GL Date: 2018.09.06 14:44:45 -07'00'</small>
Verified: CH <small>Digitally signed by CH Date: 2018.09.06 15:36:10 -07'00'</small>
Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm

Notes: RoHS and REACH compliant
Function test: no open, no short circuit, no intermittent
Description: Wire, 4C TS, 22 AWG, UL2464, 300V, 80C, 4.85 mm, VW-1, PVC, white

TENSILITY

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Size: A	Part number: 30-00387
Scale: 10:1	Sheet 1 of 1