

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: ϕ 0.16 x 17
Resistance at 20 °C: 59.4 Ω /km max

Insulator

Material: PVC
Color: black, white, red, yellow
Diameter: ϕ 1.35 \pm 0.10 mm
Nominal thickness: 0.28 mm
Resistance at 20 °C: 10 M Ω /km min

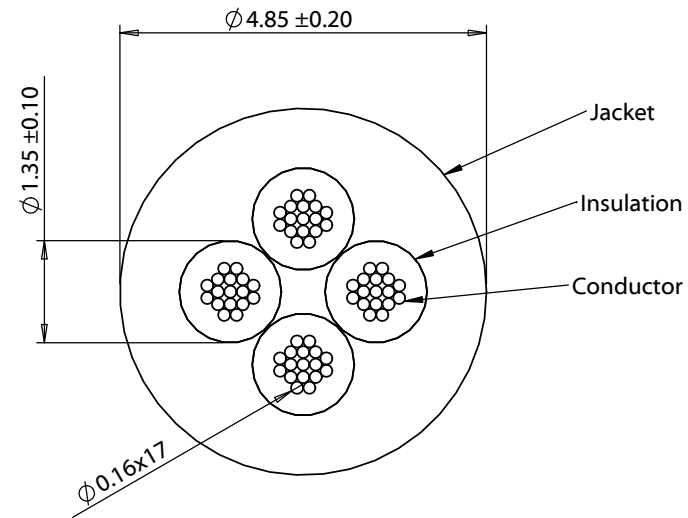
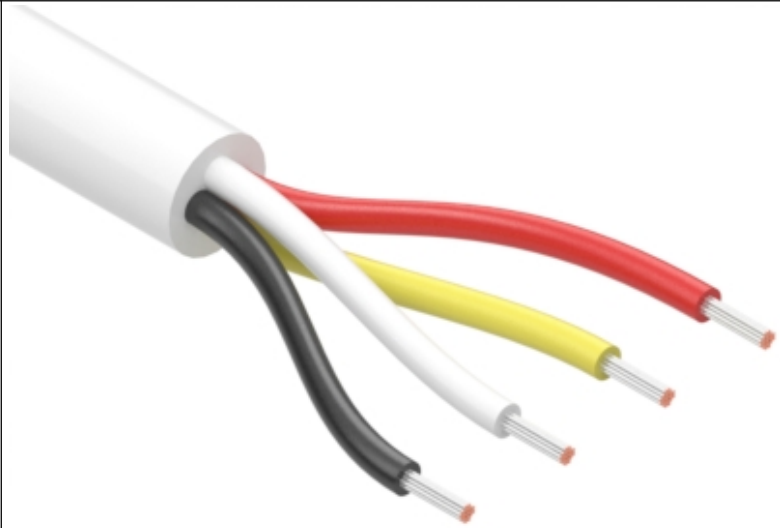
Outer jacket

Material: PVC
Color: white
Diameter: ϕ 4.85 \pm 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 \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 2 °C /1 hour, no observed cracking



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

Notes:

Verified:

RoHS and REACH compliant

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

Dimensions are in millimeters.
Tolerances:
X: \pm 0.5 mm
X.X: \pm 0.3 mm
X.XX: \pm 0.05 mm

Description:

Wire, 4C TS, 22 AWG, UL2464, 300V, 80C, 4.85 mm, VW-1, PVC, white

TENSILITY

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Size:	Part number:
A	30-00387

Scale: 10:1		Sheet 1 of 1
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