

Ratings

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

Conductor

Conductor count: 4
 Gauge: 20 AWG 0.52 mm²
 Material: tinned copper strands
 Strand size: Ø 0.16 x 26
 Resistance at 20 °C: 36.7 Ω /km max

Insulator

Material: PVC
 Color: black, white, red, yellow
 Diameter: 1.55 ±0.10 mm
 Nominal thickness: 0.28 mm
 Resistance at 20 °C: 10 MΩ /km min

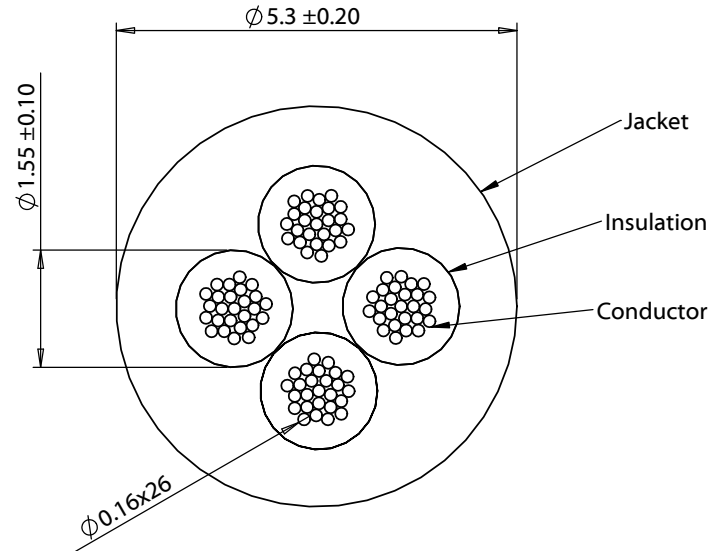
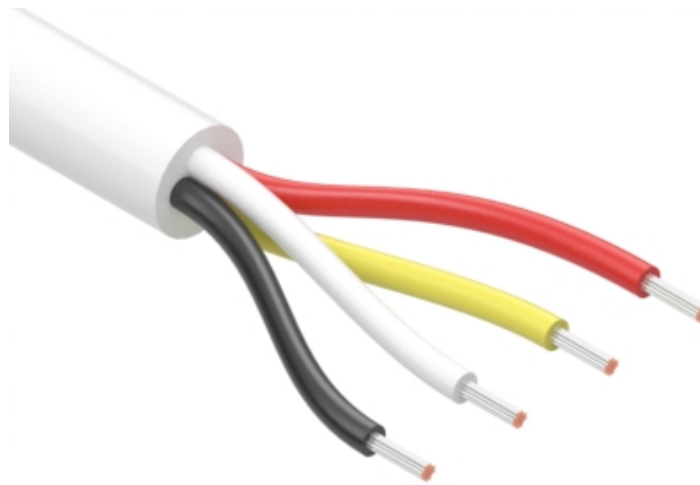
Outer jacket

Material: PVC
 Color: white
 Diameter: Ø 5.3 ±0.2 mm
 Nominal thickness: 0.78 mm

Wire marking: E339579 UL AWM STYLE 2464 20 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**
Digitally signed by GL
 Date: 2018.09.06 14:16:15 -07'00'

Verified: **CH**
Digitally signed by CH
 Date: 2018.09.06 15:22:20 -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

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

Description:
 Wire, 4C TS, 20 AWG, UL2464, 300V, 80C, 5.3 mm, VW-1, PVC, white

TENSILITY

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Size: A Part number: 30-00384

Scale: 10:1 Sheet 1 of 1