

Ratings

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

Conductor

Conductor count: 2
 Gauge: 22 AWG, 0.34 mm²
 Material: tinned copper strands
 Strand size: \varnothing 0.16 x 17
 Resistance at 20 °C: 59.4 Ω /km max

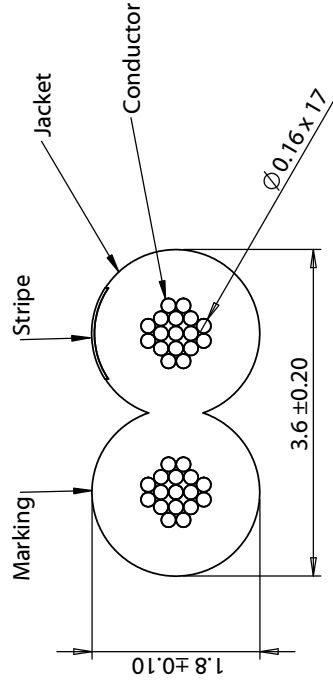
Outer jacket

Material: PVC
 Color: black
 Diameter: 3.6 \pm 0.20 mm
 Nominal thickness: 0.49 mm
 Resistance at 20 °C: 10 M Ω /km min

Wire marking: E339579 UL AWM STYLE 2468 22 AWG 80°C 300V VW-1 --- CUL AWM I A 80°C 300V FT1 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:
A	06/13/2014	Initial release
A1	01/08/2016	Corrected tolerances
A2	09/06/2018	Increased operating temperature range

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

Notes:
RoHS and REACH compliant
Function test: no open, no short circuit, no intermittent
Description: Wire, 2C TS, 22 AWG, UL2468, 300V, 80C, 3.6 mm, VW-1, PVC

TENSILITY	
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Size:	Part number:
A	30-00401
Scale: 12:1	Sheet 1 of 1