

Ratings

Voltage: 300 V
Temperature: 80 °C
Flammability: VW-1, FT1

Conductor

Conductor count: 6
Gauge: 28 AWG, 0.089 mm²
Material: tinned copper strands
Stranding: $\phi 0.127 \times 7$
Resistance at 20 °C: 240 ohm/km maximum

Insulator

Material: SRPVC, 80 °C
Color: black, white, red, yellow, blue, green
Outer diameter: $\phi 0.95 \pm 0.10$ mm
Thickness: 0.23 mm minimum average
Style: UL 1061

Outer jacket

Material: PVC, 80 °C
Color: white
Diameter: $\phi 4.2 \pm 0.30$ mm
Thickness: 0.76 mm minimum average

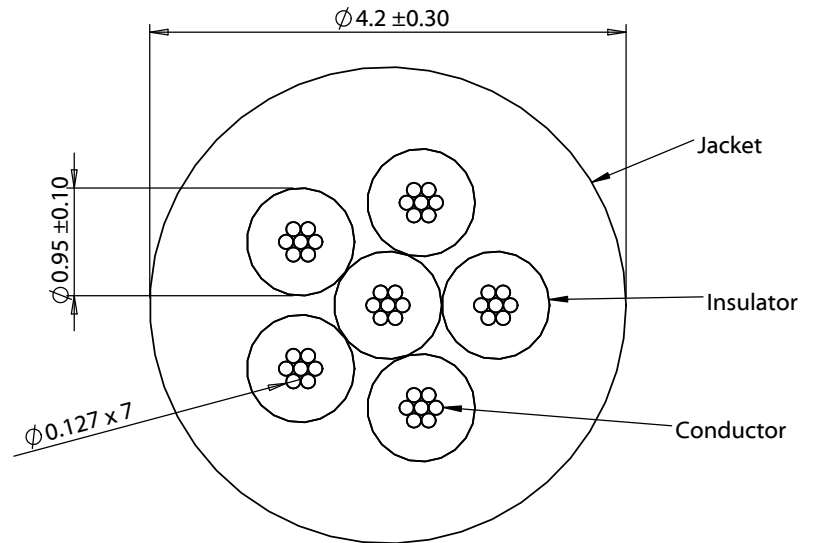
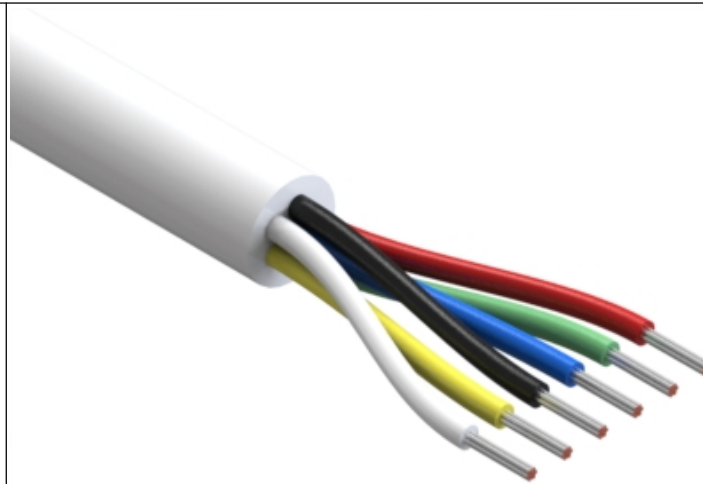
Wire marking: E339579 UL AWM STYLE 2464 28AWG 80°C 300V VW-1 --- cUL AWM I A 80°C 300V FT1 TENSILITY

Tests

Tensile strength: 1.05 kgf/mm²
After aging at 113 ±2 °C for 7 days:
Minimum tensile strength 70 % original
Minimum elongation 65 % original
Flexibility: no observed cracking
Heat shock: 121 ±1 °C /1 hour, no observed degradation
Deformation: 121 ±1 °C /1hour, ≤ 50 %
Cold bend: -10 ±2 °C /1 hour, no observed cracking
Dielectric: 2000 Vac for 1 minute without breakdown

Use:

Internal wiring or external interconnection of electronic equipment



| REVISION | DATE | DESCRIPTION |
|----------|------------|---------------------------|
| A | 10/13/2015 | Initial release |
| A1 | 1/26/2016 | Updated jacket dimensions |
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| | | |
| | | |

PREPARED:

VERIFIED:

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

Meets UL appliance wiring standard 758

DESCRIPTION:
Wire, 6C TS, 28 AWG, UL2464, 300V, 80C, 4.20 mm, VW-1, PVC, white

TENSILITY

20802 Sockeye Place #130
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| | |
|------------|-------------------------|
| SIZE A | PART NUMBER 30-00511 |
| SCALE: 1:1 | SHEET 1 OF 1 |