

**Ratings**

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

**Conductor**

Conductor count: 2  
 Gauge: 26 AWG 0.14 mm²  
 Material: tinned copper strands  
 Strand size:  $\phi 0.16 \times 7$   
 Resistance at 20 °C: 150  $\Omega$  /km max

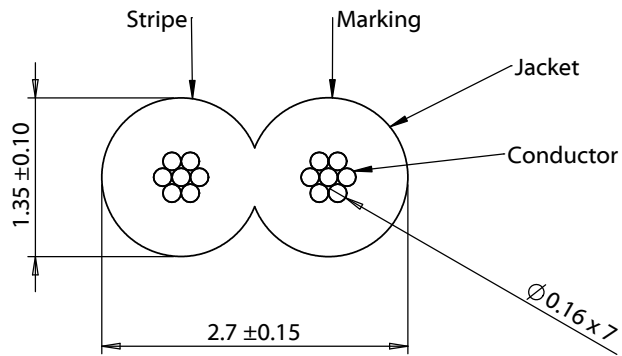
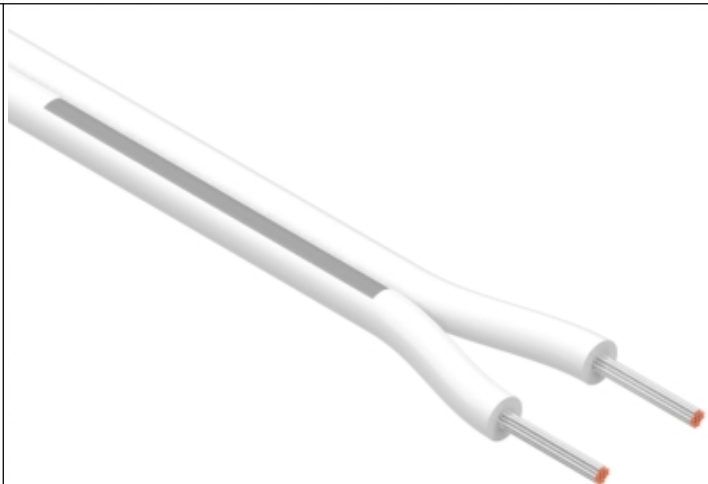
**Outer jacket**

Material: PVC  
 Color: white  
 Diameter:  $2.7 \pm 0.15$  mm  
 Nominal thickness: 0.40 mm  
 Resistance at 20 °C: 10  $M\Omega$  /km min

**Wire marking:** E339579 UL AWM STYLE 2468 26 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:                          | Prepared:  | Notes:   | <h1 style="margin: 0;">TENSILITY</h1> <p style="margin: 0;">tel 1.541.323.3228 800 877.670.7118</p> <p style="margin: 0;">fax 1.541.323.4202 web tensility.com</p> |              |
|-----------|------------|---------------------------------------|--|--|--|--------------|
| A         | 06/27/2014 | Initial release                       | AW<br><small>Digitally signed by AW<br/>Date: 2018.09.06<br/>12:01:47 -07'00'</small>                        | RoHS and REACH compliant   |  |              |
| A1        | 01/08/2016 | Corrected tolerances                  | Verified:<br>CH<br><small>Digitally signed by CH<br/>Date: 2018.09.06<br/>12:59:53 -07'00'</small>           | Function test: no open, no short circuit, no intermittent                        |  |              |
| A2        | 09/06/2018 | Increased operating temperature range | Dimensions are in millimeters.<br>Tolerances:<br>X: $\pm 0.5$ mm<br>X.X: $\pm 0.3$ mm<br>X.XX: $\pm 0.05$ mm | Description:<br>Wire, 2C TS, 26 AWG, UL2468, 300V, 80C, 2.7 mm, VW-1, PVC, white | Size: A<br>Part number: 30-00408   |              |
|           |            |                                       |  |  | Scale: 15:1  |              |
|           |            |                                       |  |  |  | Sheet 1 of 1 |