

**Ratings**

Voltage: 600 V  
 Temperature: -40~105 °C  
 Flammability: VW-1

**Conductor**

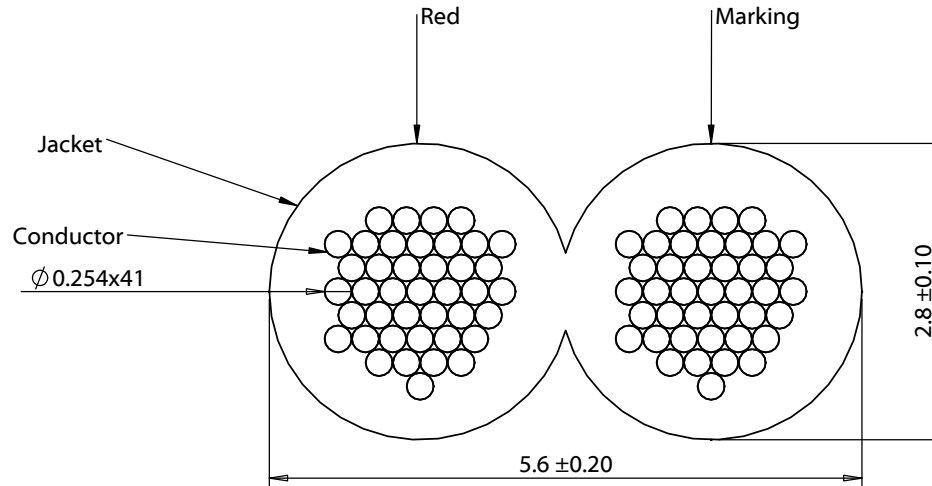
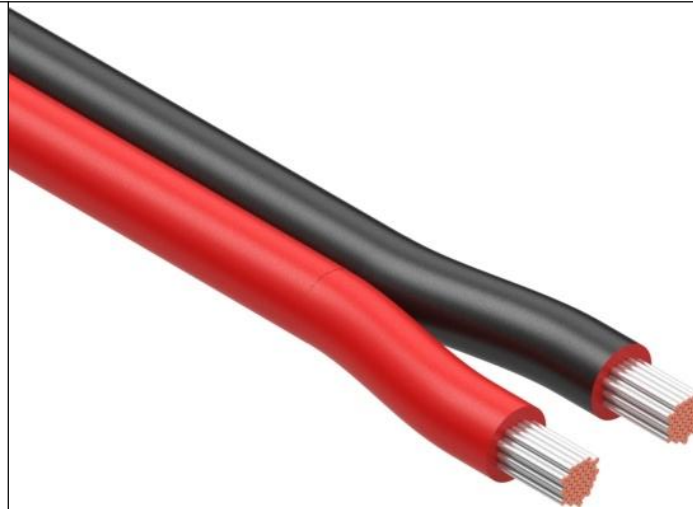
Conductor count: 2  
 Gauge: 14 AWG 2.08 mm<sup>2</sup>  
 Material: tinned copper strands  
 Strand size: Ø 0.254 mm x 41  
 Resistance at 20 °C: 8.96 Ω /km max



**Outer jacket**

Material: mPPE  
 Color: red and black  
 Diameter: 5.6 ± 0.2 mm ( 2.8±0.1x 2)  
 Nominal thickness: 0.38 mm  
 Insulation resistance at 20 °C: 0.75 MΩ /km min

**Wire marking:**

E339579 UL AWM STYLE 21516 14 AWG 105°C 600V VW-1 --- cUL  
 AWM I A/B 105°C 600V FT1 Tensility



|           |            |                 |  |   |   |              |
|-----------|------------|-----------------|--|---|---|--------------|
| Revision: | Date:      | Description:    | Prepared:  | Notes:<br>RoHS compliant<br>Phthalate and halogen free                      | <h1>TENSILITY</h1> <p>tel 1.541.323.3228 800 877.670.7118<br/>                 fax 1.541.323.4202 web tensility.com</p>   |              |
| A         | 04/19/2023 | Initial release | Verified:  |   |   |              |
|           |            |                 | Dimensions are in millimeters.<br>Tolerances:<br>X: ± 0.5 mm<br>X.X: ± 0.3 mm<br>X.XX: ± 0.05 mm | Description:  | Size: A   |              |
|           |            |                 |  | Wire, 2C TS, 14 AWG, UL21516, 600V, 105C, 5.6 mm, VW-1, mPPE, red and black | Part number: 30-03162   |              |
|           |            |                 |  | Scale: 14:1   |   | Sheet 1 of 1 |

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