

**Ratings**

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

**Conductor**

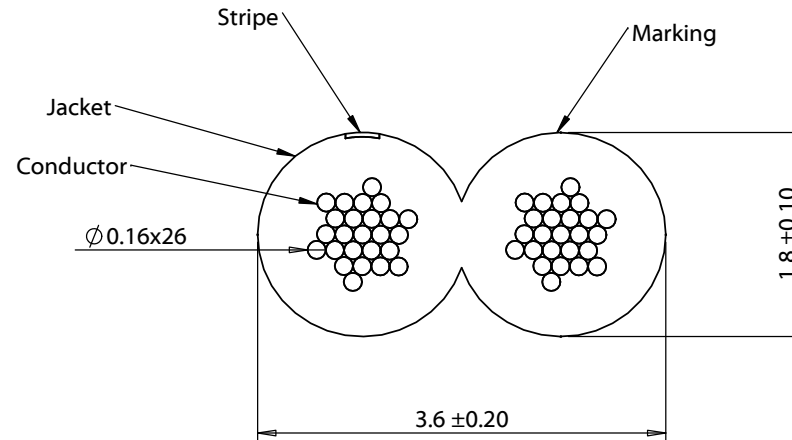
Conductor count: 2  
 Gauge: 20 AWG 0.52 mm<sup>2</sup>  
 Material: tinned copper strands  
 Strand size: Ø 0.16 mm x 26  
 Resistance at 20 °C: 36.7 Ω /km max

**Outer jacket**

Material: mPPE  
 Color: black  
 Diameter: 3.6 ± 0.2 mm ( 1.8±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 20 AWG 105°C 600V VW-1 --- cUL  
 AWM I A/B 105°C 600V FT1 Tensility



Revision:	Date:	Description:	Prepared:	Notes:	<b>TENSILITY</b> tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com
A	04/17/2023	Initial release	Verified:	RoHS compliant Phthalate and halogen free	
			Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	Description:	Size: Part number:
				Wire, 2C TS, 20 AWG, UL21516, 600V, 105C, 3.6 mm, VW-1, mPPE	A 30-03155
				Scale: 15:1	Sheet 1 of 1

5

↑

4

3

2

1