

Ratings

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

Conductor

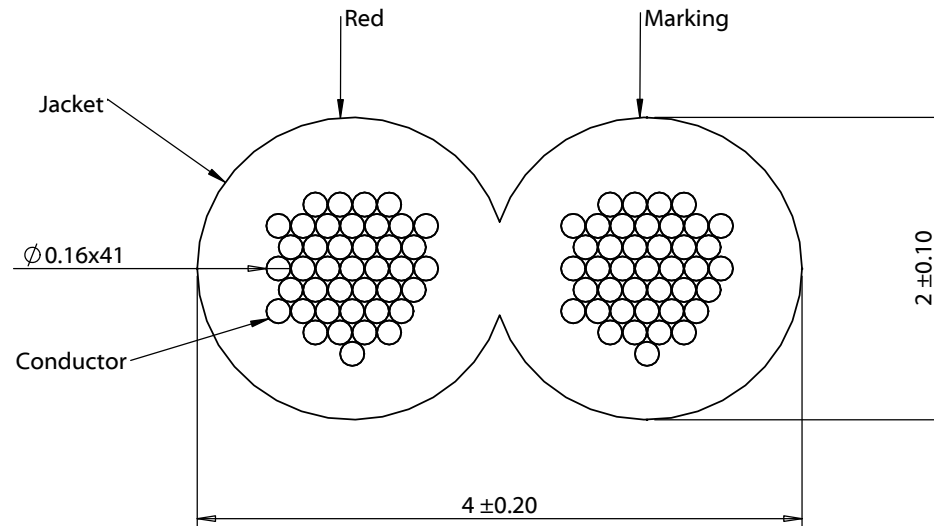
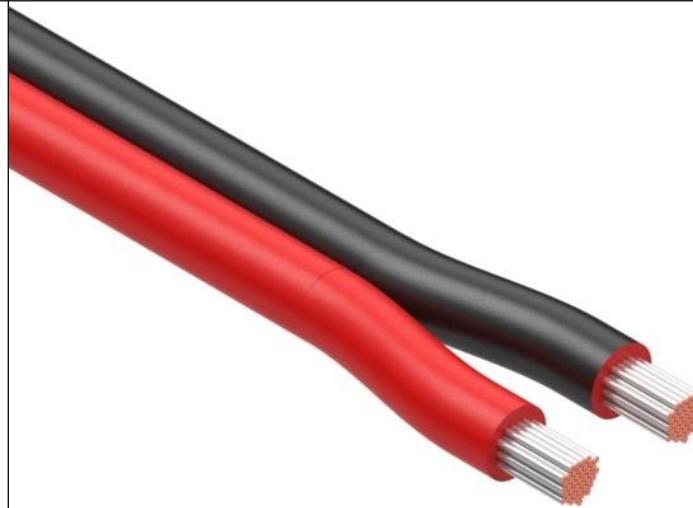
Conductor count: 2
 Gauge: 18 AWG 0.82 mm²
 Material: tinned copper strands
 Strand size: Ø 0.16 mm x 41
 Resistance at 20 °C: 23.2 Ω /km max

Outer jacket

Material: mPPE
 Color: red and black
 Diameter: 4.0 ± 0.2 mm (2±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 18 AWG 105°C 600V VW-1 --- cUL
 AWM I A/B 105°C 600V FT1 Tensility



Revision:	Date:	Description:	Prepared:	Notes: RoHS compliant	TENSILITY tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com
A	04/19/2023	Initial release	Verified:		
			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, 18 AWG, UL21516, 600V, 105C, 4.0 mm, VW-1, mPPE, red and black	A 30-03164
				Scale: 20:1	

5

4

3

2

1