

Ratings

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

Conductor

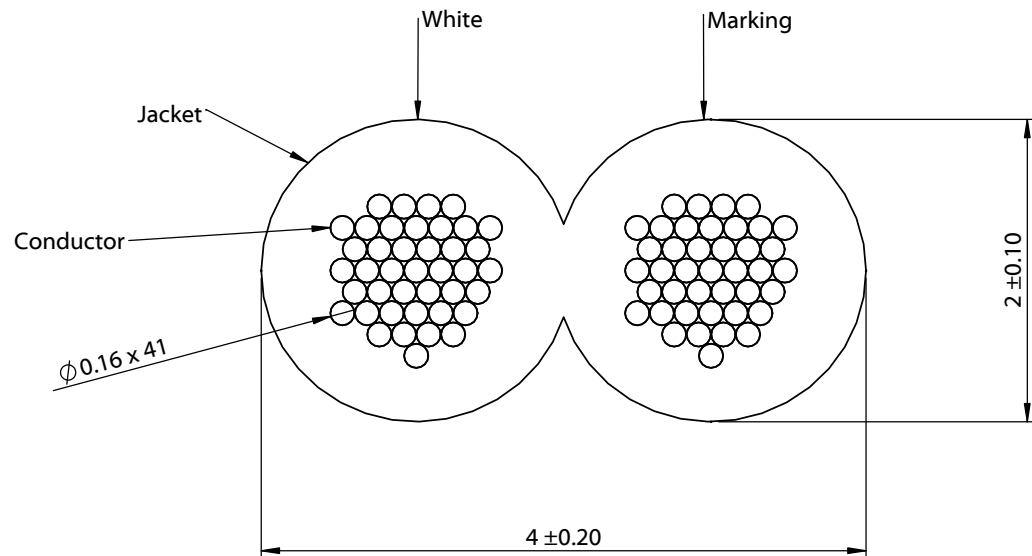
Conductor count: 2
Gauge: 18 AWG 0.82 mm²
Material: tinned copper strands
Strand size: Ø 0.16 mm x 41
Resistance at 20 °C: 23.2 Ω /km max

Outer jacket

Material: mPPE
Color: white 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:	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:	RoHS compliant Phthalate and halogen free			
			Dimensions are in millimeters. Tolerances:	Description:	Size:	Part number:	
			X: ± 0.5 mm	Wire, 2C TS, 18 AWG, UL21516, 600V, 105C, 4.0 mm, VW-1, mPPE, white and black	A	30-03174	
			X.X: ± 0.3 mm		Scale: 20:1		Sheet 1 of 1
			X.XX: ± 0.05 mm				

5

4

3

2

1