

Ratings

Voltage: 300 V
Temperature: -40~105 °C
Flammability: VW-1

Conductor

Conductor count: 3
Gauge: 20 AWG 0.52 mm²
Material: tinned copper strands
Strand size: $\phi 0.127 \times 41$
Resistance at 20 °C: 36.7 Ω /km max

Insulator

Material: FEP
Color: red, black, white
Diameter: $\phi 1.25 \pm 0.10$
Nominal thickness: 0.13 mm
Resistance at 20 °C: 10 M Ω /km min

Filler

Material: aramid fiber

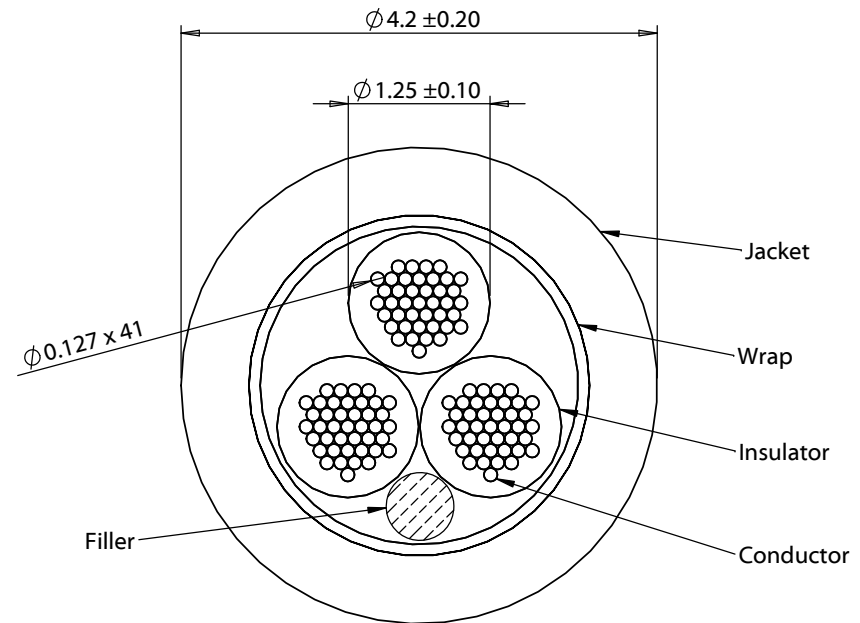
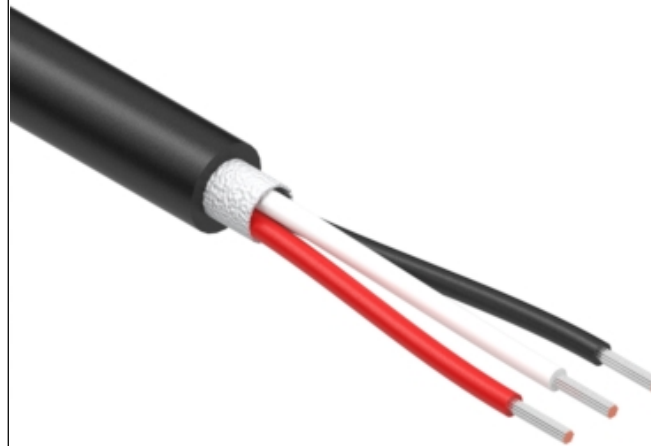
Wrap

Material: cotton paper

Outer jacket

Material: TPE
Color: black
Diameter: $\phi 4.2 \pm 0.20$
Nominal thickness: 0.6 mm

Wire marking: E339579 UL AWM STYLE 21296 20 AWG 105°C
300V VW-1 --- cUL AWM I A 105°C 300V FT1 TENSILITY DGT



Revision:	Date:	Description:	Prepared:	Notes: RoHS compliant Phthalate free Function test: no open, no short circuit, no intermittent	TENSILITY tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com		
A	4/28/2021	Initial release	Verified:				
			Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	Description: Wire, 3C TS, 20 AWG, UL 21296, 300V, 105C, 4.2 mm, TPE	Size:	Part number:	
					A	30-01909	
					Scale:	15:1	Sheet 1 of 1