

Ratings

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

Conductor

Conductor count: 3
 Gauge: 32 AWG 0.04 mm²
 Material: tinned copper strands
 Strand size: $\varnothing 0.08 \times 7$
 Resistance at 20 °C: 590 Ω /km max

Insulator

Material: FEP
 Color: red, black, white
 Diameter: $\varnothing 0.55 \pm 0.10$
 Nominal thickness: 0.13 mm
 Resistance at 20 °C: 10 M Ω /km min

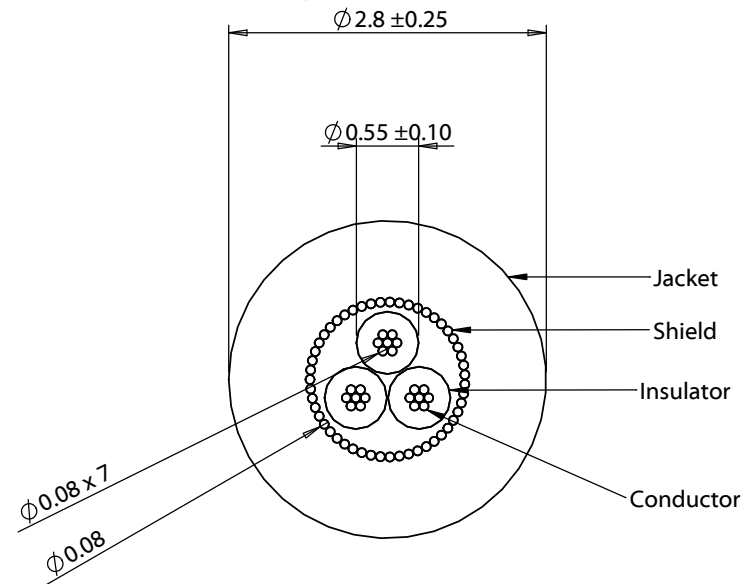
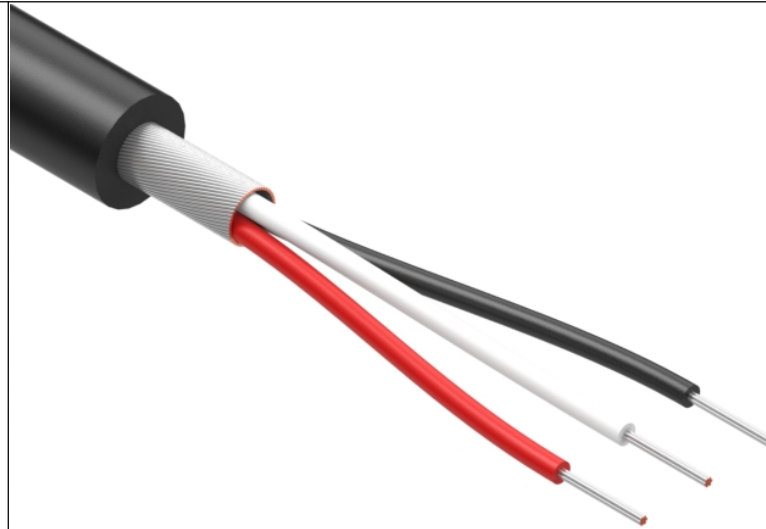
Shield

Material: tinned copper strands
 Strand size: $\varnothing 0.08$ mm, 85% min coverage

Outer jacket

Material: TPE, 78A
 Color: black, matte
 Diameter: $\varnothing 2.8 \pm 0.25$
 Nominal thickness: 0.6 mm

Wire marking: E339579 UL AWM STYLE 21296 32 AWG 105°C
 300V VW-1 --- cUL AWM I A 105°C 300V FT1 TENSILITY DGT



Revision:	Date:	Description:	Prepared:	Notes:	<h1>TENSILITY</h1>	
A	10/05/2021	Initial release	MP <small>Digitally signed by MP Date: 2021.11.01 16:30:59 -0700'</small>			RoHS compliant Phthalate free Function test: no open, no short circuit, no intermittent
			Verified:	Description:	Size:	
			JD <small>Digitally signed by JD Date: 2021.11.03 14:01:36 -0700'</small>		Wire, 3C TS, 32 AWG, UL 21296, 300V, 105C, 2.8 mm, shielded, VW-1, TPE	Part number:
			Dimensions are in millimeters. Tolerances:		A	30-02425
			X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm		Scale: 15:1	Sheet 1 of 1

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3

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