

Ratings

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

Conductor

Conductor count: 5
Gauge: 30 AWG 0.05 mm²
Material: tinned copper strands
Strand size: $\varnothing 0.1 \times 7$
Resistance at 20 °C: 381 Ω /km max

Insulator

Material: FEP
Color: red, black, white, yellow, blue
Diameter: $\varnothing 0.6 \pm 0.10$
Nominal thickness: 0.13 mm
Resistance at 20 °C: 10 M Ω /km min

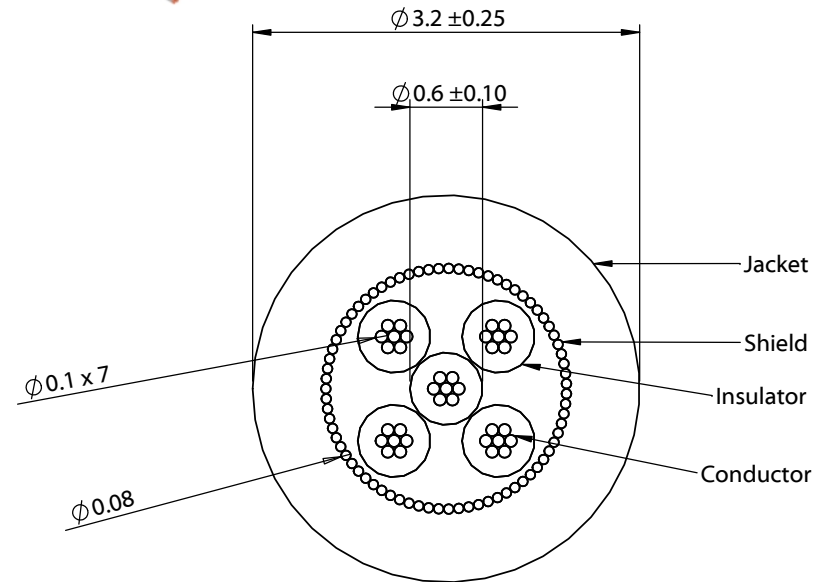
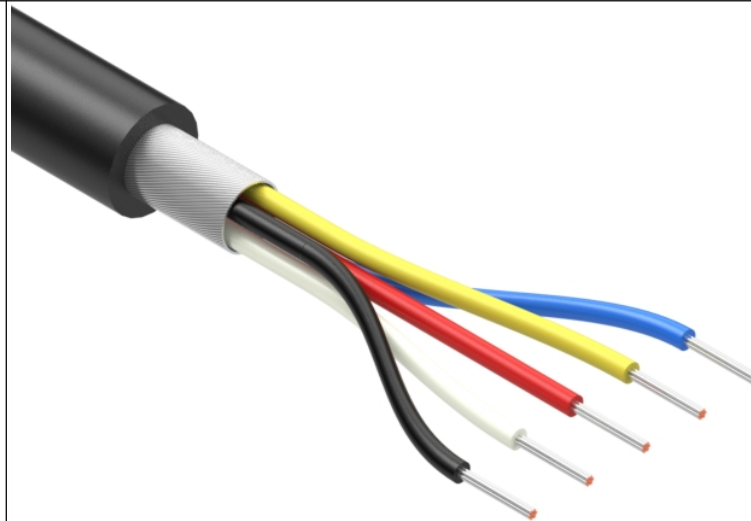
Shield

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

Outer jacket

Material: TPE, 78A
Color: black, matte
Diameter: $\varnothing 3.2 \pm 0.25$
Nominal thickness: 0.6 mm

Wire marking: E339579 UL AWM STYLE 21296 30 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	10/20/21	Initial release	Verified:				
			Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	Description: Wire, 5C TS, 30 AWG, UL 21296, 300V, 105C, 3.2 mm, shielded, VW-1, TPE	Size: A	Part number: 30-02440	
					Scale: 16:1		Sheet 1 of 1