

**Ratings**

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

**Conductor**

Conductor count: 7  
 Gauge: 32 AWG 0.04 mm<sup>2</sup>  
 Material: tinned copper strands  
 Strand size:  $\phi 0.08 \times 7$   
 Resistance at 20 °C: 590  $\Omega$  /km max

**Insulator**

Material: FEP  
 Color: red, black, white, yellow, blue, green, orange  
 Diameter:  $\phi 0.55 \pm 0.10$   
 Nominal thickness: 0.13 mm  
 Resistance at 20 °C: 10 M $\Omega$  /km min

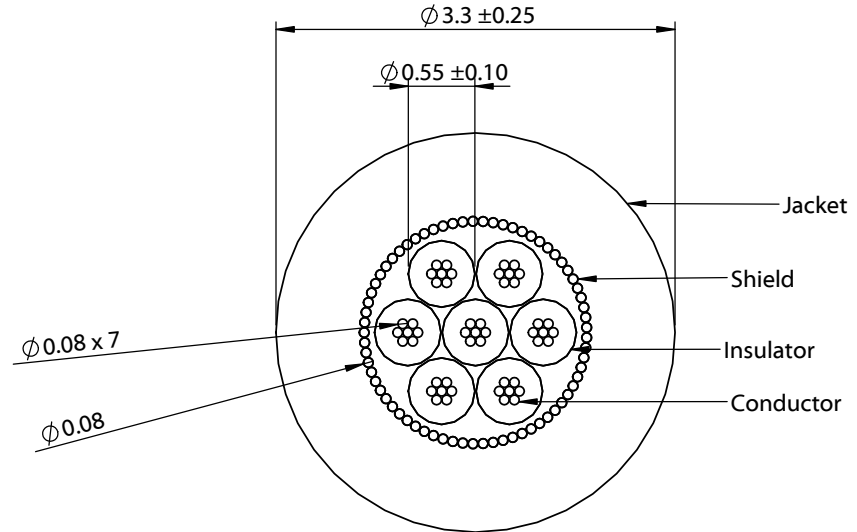
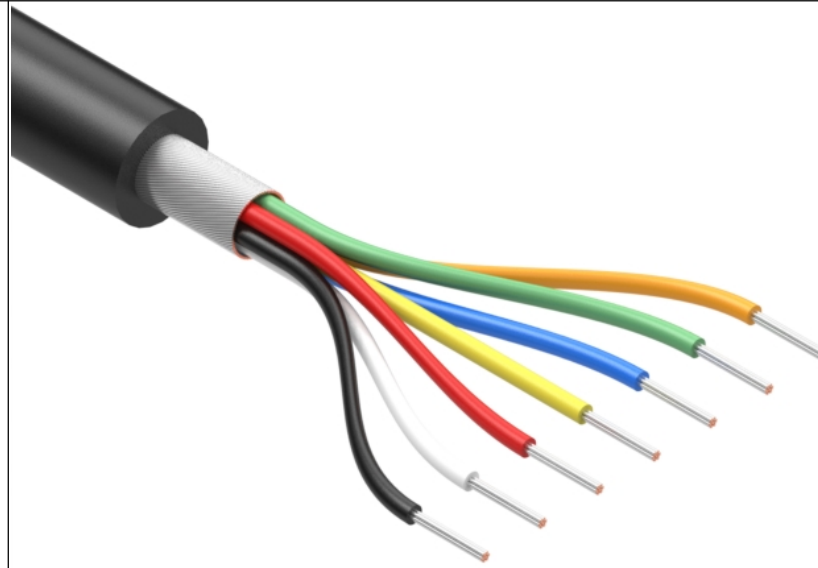
**Shield**

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

**Outer jacket**

Material: TPE, 78A  
 Color: black, matte  
 Diameter:  $\phi 3.3 \pm 0.25$   
 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:
A	10/25/2021	Initial release

Prepared: <b>MP</b> <small>Digitally signed by MP Date: 2021.11.02 11:05:46 -07'00'</small>
Verified: <b>JD</b> <small>Digitally signed by JD Date: 2021.11.03 15:33:00 -07'00'</small>
Dimensions are in millimeters. Tolerances: X: $\pm 0.5$ mm X.X: $\pm 0.3$ mm X.XX: $\pm 0.05$ mm

Notes: RoHS compliant Phthalate free Function test: no open, no short circuit, no intermittent
Description: Wire, 7C TS, 32 AWG, UL 21296, 300V, 105C, 3.3 mm, shielded, VW-1, TPE

<b>TENSILITY</b>	
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Size: A	Part number: 30-02457
Scale: 16:1	Sheet 1 of 1