

**Ratings**

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

**Conductor**

Conductor count: 10  
 Gauge: 24 AWG 0.2 mm<sup>2</sup>  
 Material: tinned copper strands  
 Strand size:  $\varnothing 0.1 \text{ mm} \times 26$   
 Resistance at 20 °C: 94.2  $\Omega$  /km max

**Insulator**

Material: FEP  
 Color: red, black, white, yellow, blue, green, orange, purple, gray, brown  
 Diameter:  $\varnothing 0.92 \pm 0.10$   
 Nominal thickness: 0.13 mm  
 Resistance at 20 °C: 10 M $\Omega$  /km min

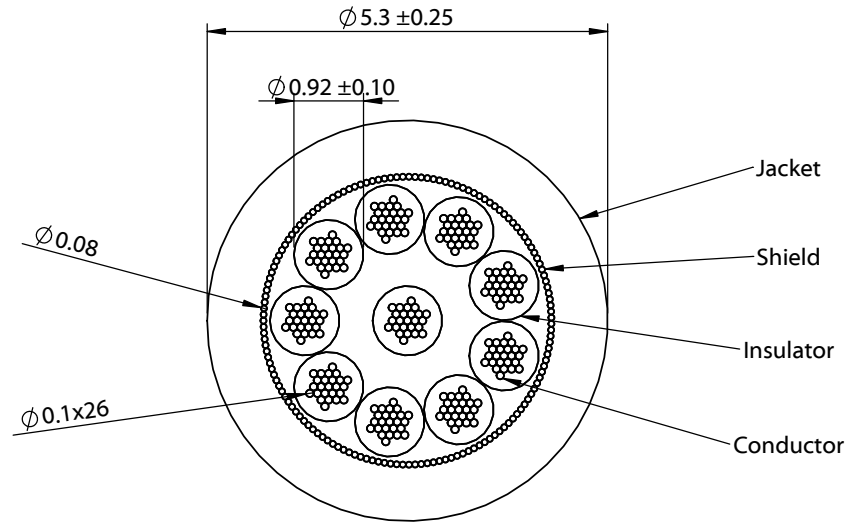
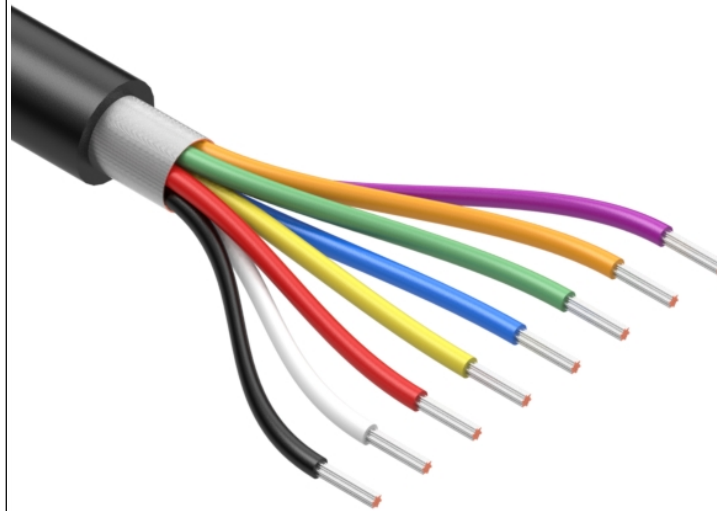
**Shield**

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

**Outer jacket**

Material: TPE, 78A  
 Color: black, matte  
 Diameter:  $\varnothing 5.3 \pm 0.25$   
 Nominal thickness: 0.6 mm

**Wire marking:** E339579 UL AWM STYLE 21296 24 AWG 105°C 300V VW-1 --- cUL AWM I A 105°C 300V FT1 TENSILITY DGT



Revision:	Date:	Description:
A	11/01/2021	Initial release

Prepared: **PB**  
Digitally signed by PB  
 Date: 2021.11.01  
 16:15:35 -07'00'

Verified: **JD**  
Digitally signed by JD  
 Date: 2021.11.03  
 16:06:42 -07'00'

Dimensions are in millimeters.  
 Tolerances:  
 X:  $\pm 0.5 \text{ mm}$   
 X.X:  $\pm 0.3 \text{ mm}$   
 X.XX:  $\pm 0.05 \text{ mm}$

Notes:  
 RoHS compliant  
 Phthalate free  
 Function test: no open, no short circuit, no intermittent

Description:  
 Wire, 10C TS, 24 AWG, UL 21296, 300V, 105C, 5.3 mm, shielded, VW-1, TPE

# TENSILITY

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Size: A	Part number: 30-02477
Scale: 10:1	

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