

Ratings

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

Conductor

Conductor count: 9
 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, yellow, blue, green, orange, purple, gray
 Diameter: $\varnothing 0.55 \pm 0.10$
 Nominal thickness: 0.13 mm
 Resistance at 20 °C: 10 M Ω /km min

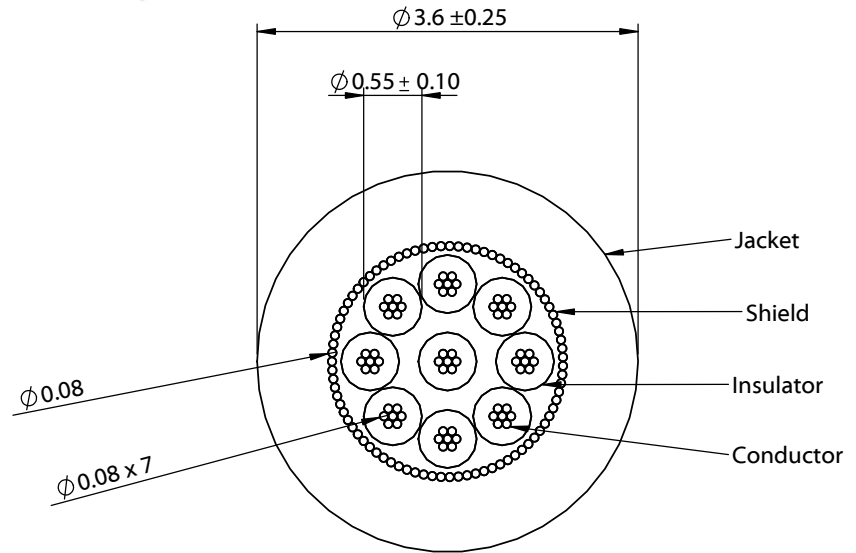
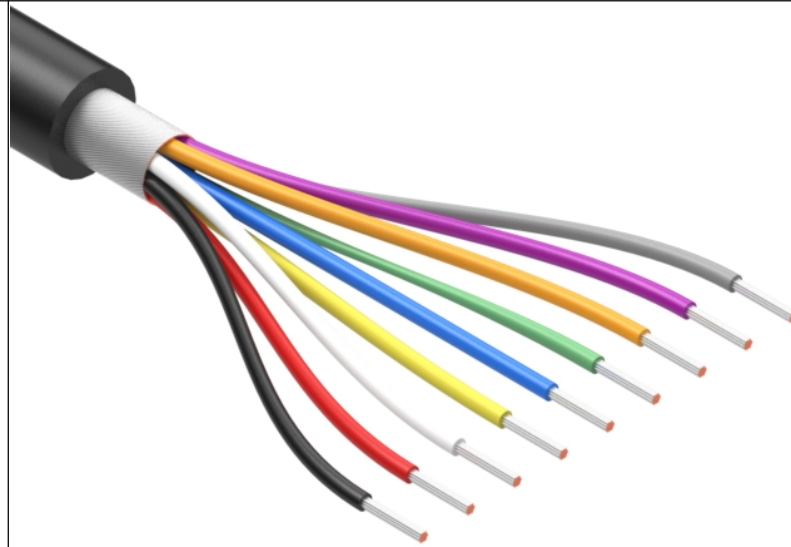
Shield

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

Outer jacket

Material: TPE, 78A
 Color: black, matte
 Diameter: $\varnothing 3.6 \pm 0.25$
 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	10/26/2021	Initial release

Prepared: **MP** Digitally signed by MP Date: 2021.11.17 12:20:06 -0800

Verified: **PB** Digitally signed by PB Date: 2022.04.11 15:39:16 -0700

Dimensions are in millimeters.
 Tolerances:
 X: ± 0.5 mm
 X.X: ± 0.3 mm
 X.XX: ± 0.05 mm

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

Description:
 Wire, 9C TS, 32 AWG, UL 21296, 300V, 105C, 3.6 mm, shielded, VW-1, TPE

TENSILITY

tel 1.541.323.3228 800 877.670.7118
 fax 1.541.323.4202 web tensility.com

Size: A Part number: 30-02473

Scale: 14:1 Sheet 1 of 1