

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

Filler

Material: aramid fiber

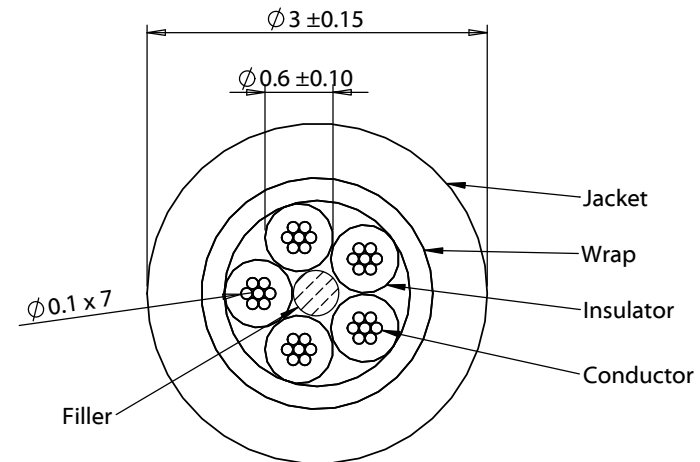
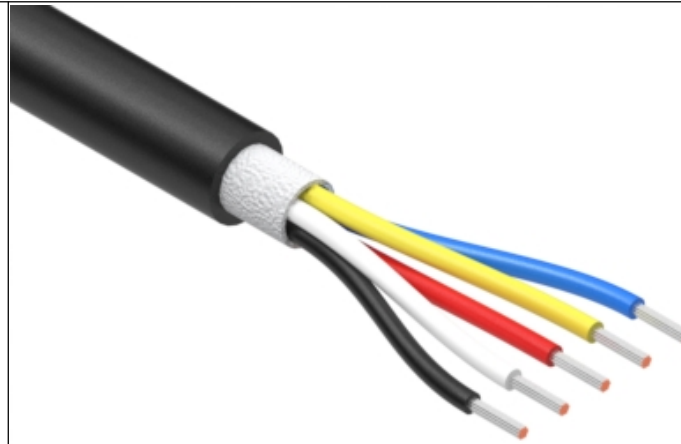
Wrap

Material: cotton paper

Outer jacket

Material: TPE
 Color: black
 Diameter: $\varnothing 3 \pm 0.15$
 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:
A	4/28/2021	Initial release

Prepared: AW <small>Digitally signed by AW Date: 2021.04.28 16:42:44 -07'00'</small>
Verified: JC <small>Digitally signed by JC Date: 2021.05.05 09:48:37 -07'00'</small>
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, 5C TS, 30 AWG, UL 21296, 300V, 105C, 3.0 mm, TPE

<h1>TENSILITY</h1>	
<small>tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com</small>	
Size: A	Part number: 30-01930
Scale: 15:1	
Sheet 1 of 1	