

**Ratings**

Voltage: 600 V  
 Temperature: -40~105 °C  
 Flammability: FT2

**Conductor**

Conductor count: 8  
 Gauge: 22 AWG 0.34 mm<sup>2</sup>  
 Material: tinned copper strands  
 Strand size:  $\phi 0.16 \times 17$   
 Resistance at 20 °C: 59.4  $\Omega$  /km max

**Insulator**

Material: mPPE  
 Color: red, black, white, yellow, blue, green, orange, purple  
 Diameter:  $\phi 1.3 \pm 0.10$  mm  
 Average thickness: 0.26 mm  
 Resistance at 20 °C: 100 M $\Omega$  /km min

**Filler**

Material: cotton rope

**Wrap**

Material: cotton paper

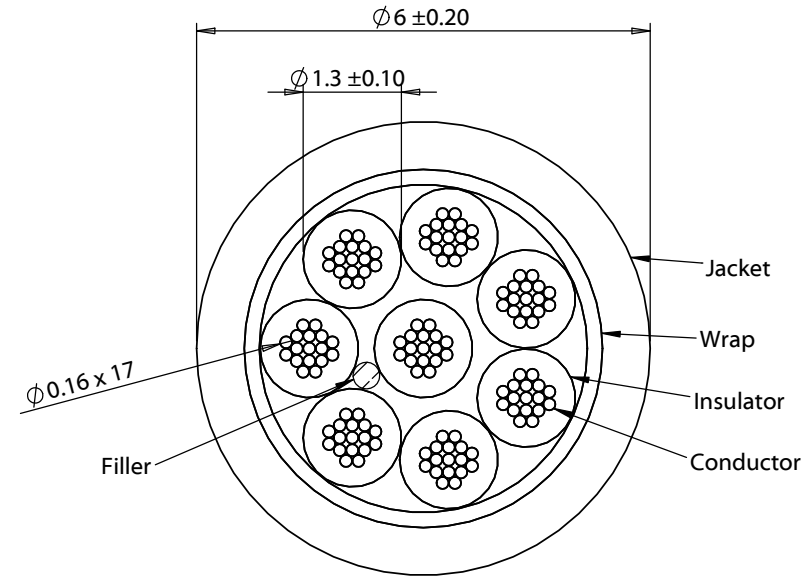
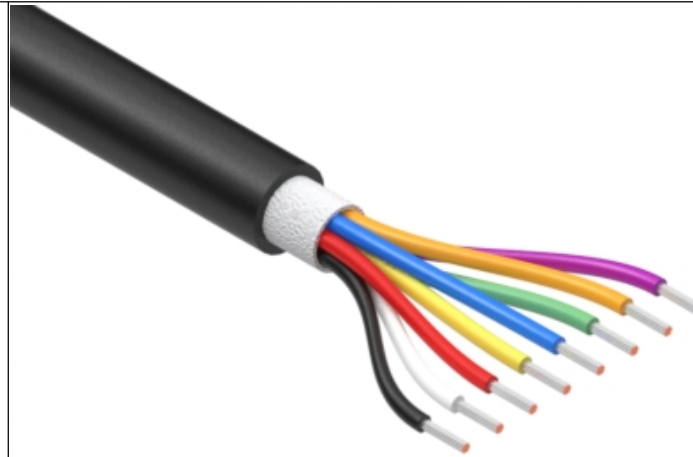
**Outer jacket**

Material: mPPE, 85A  
 Color: black  
 Diameter:  $\phi 6 \pm 0.20$  mm  
 Average thickness: 0.8 mm

**Wire marking:** E339579 UL AWM STYLE 21509 22 AWG 105°C  
 600V --- cUL AWM I A 105°C 600V FT2 TENSILITY

**Bend radius**

Minimum: 6 times diameter (36.0 mm)



Revision:	Date:	Description:
A	5/4/2021	Initial release

Prepared: **AW**  
Digitally signed by AW  
 Date: 2021.05.06  
 13:01:27 -0700'

Verified: **JC**  
Digitally signed by JC  
 Date: 2021.05.11  
 15:02:16 -0700'

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 and halogen free

Description:  
 Wire, 8C TS, 22 AWG, 21509, 600V, 105C, 6.0 mm, FT2, mPPE

**TENSILITY**

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Size: A	Part number: 30-02024
Scale: 10:1	

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