

Ratings

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

Conductor

Conductor count: 4
 Gauge: 30 AWG 0.05 mm²
 Material: tinned copper strands
 Strand size: $\phi 0.1 \times 7$
 Resistance at 20 °C: 381 Ω /km max

Insulator

Material: mPPE
 Color: red, black, white, yellow
 Diameter: $\phi 0.8 \pm 0.08$ mm
 Average thickness: 0.23 mm
 Resistance at 20 °C: 100 M Ω /km min

Wrap

Material: cotton paper

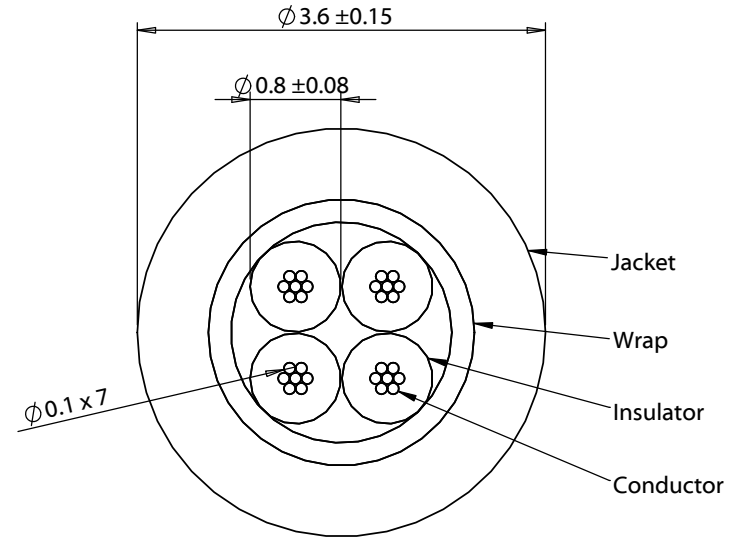
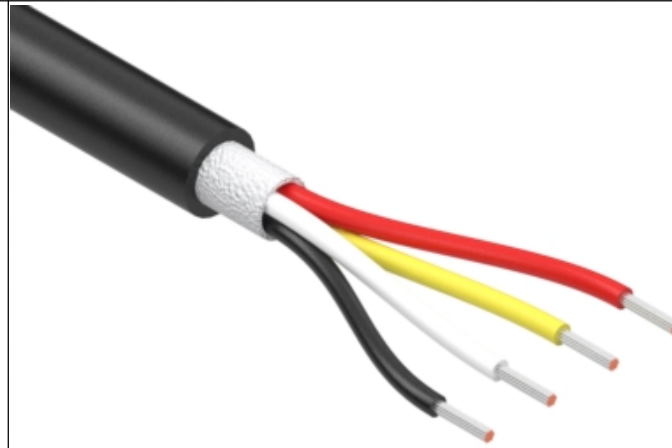
Outer jacket

Material: mPPE, 85A
 Color: black
 Diameter: $\phi 3.6 \pm 0.15$ mm
 Average thickness: 0.78 mm

Wire marking: E339579 UL AWM STYLE 21509 30 AWG 105°C
 600V --- cUL AWM I A 105°C 600V FT2 TENSILITY

Bend radius

Minimum: 6 times diameter (21.6 mm)



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

Prepared: AW <small>Digitally signed by AW Date: 2021.05.06 12:46:25 -07'00'</small>
Verified: JC <small>Digitally signed by JC Date: 2021.05.11 14:10:30 -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 and halogen free
Description: Wire, 4C TS, 30 AWG, 21509, 600V, 105C, 3.6 mm, FT2, mPPE

TENSILITY

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Size: A	Part number: 30-01996
Scale: 15:1	

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