

Ratings

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

Conductor

Conductor count: 3
 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: mPPE
 Color: red, black, white
 Diameter: $\varnothing 0.8 \pm 0.08$ mm
 Average thickness: 0.23 mm
 Minimum thickness: 0.18 mm
 Resistance at 20 °C: 100 M Ω /km min

Shield

Type: foil
 Material: aluminum mylar
 Coverage: 100%

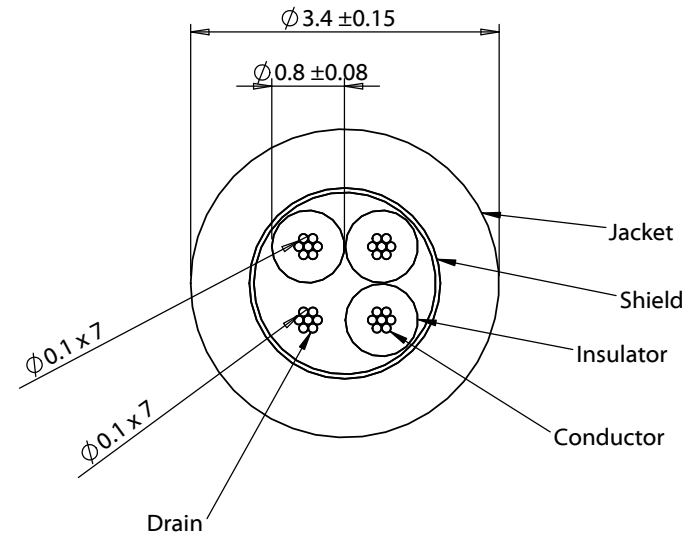
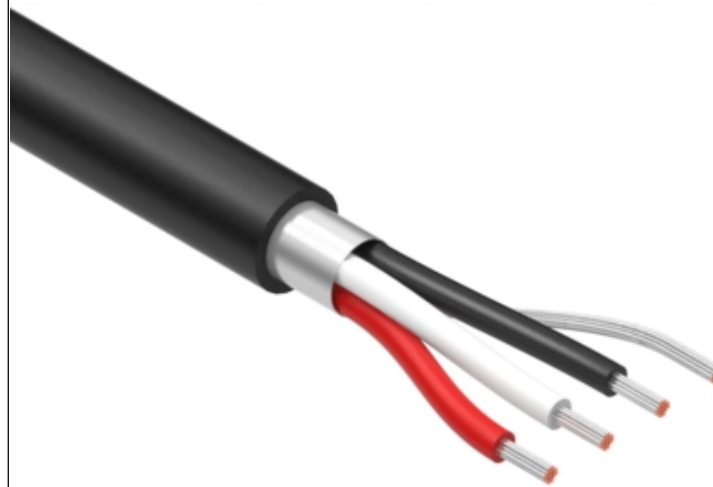
Outer jacket

Material: mPPE, 85A
 Color: black
 Diameter: $\varnothing 3.4 \pm 0.15$ mm
 Average thickness: 0.78 mm
 Minimum thickness: 0.54 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 (20.4 mm)



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|-----------|-----------|-----------------|
| Revision: | Date: | Description: |
| A | 4/20/2020 | Initial release |
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| | | |

Prepared:
JC
Digitally signed by JC
 Date: 2020.04.21
 09:28:20 -07'00'

Verified:
AW
Digitally signed by AW
 Date: 2020.04.22
 08:16:25 -07'00'

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, 3C TS, 30 AWG, 21509, 600V, 105C, 3.4 mm, shielded, FT2, mPPE

TENSILITY

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|-------------|--------------|
| Size: | Part number: |
| A | 30-01430 |
| Scale: 12:1 | Sheet 1 of 1 |