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

Conductor
Conductor count: 6
Gauge: 20 AWG 0.52 mm²
Material: tinned copper strands
Strand size: ∅0.16 x 26
Resistance at 20 °C: 36.7 Ω /km max

Insulator
Material: mPPE
Color: red, black, white, yellow, blue, green
Diameter: ∅1.5 ±0.10 mm
Average thickness: 0.26 mm
Resistance at 20 °C: 100 MΩ /km min

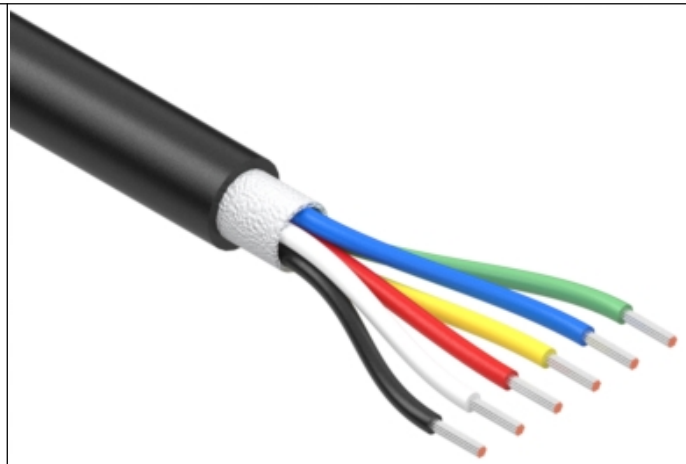
Filler
Material: cotton rope

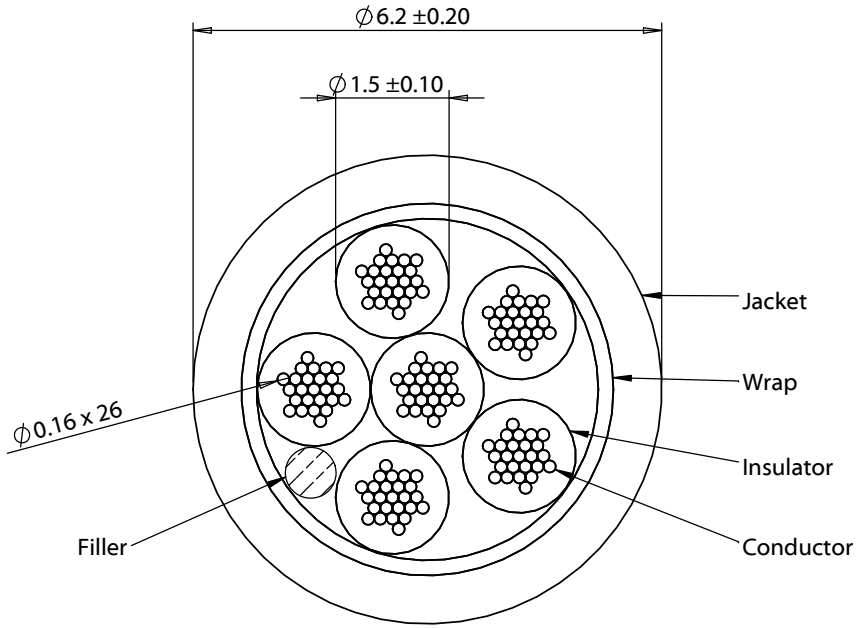
Wrap
Material: cotton paper

Outer jacket
Material: mPPE, 85A
Color: black
Diameter: ∅6.2 ±0.20 mm
Average thickness: 0.8 mm

Wire marking: E339579 UL AWM STYLE 21509 20 AWG 105°C 600V - - - cUL AWM I A 105°C 600V FT2 TENSILITY

Bend radius
Minimum: 6 times diameter (37.2 mm)





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

Prepared: AW Digitally signed by AW Date: 2021.05.19 09:57:12 -07'00'

Verified: JC Digitally signed by JC Date: 2021.05.19 12:12:58 -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, 6C TS, 20 AWG, 21509, 600V, 105C, 6.2 mm, FT2, mPPE

TENSILITY
tel 1.541.323.3228 800 877.670.7118
fax 1.541.323.4202 web tensility.com

Size: A
Part number: 30-02007
Scale: 10:1
Sheet 1 of 1

To see a custom version of this cable assembly, call Tensility at 541-323-3228 or email engineering@tensility.com

5 4 3 2 1

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