

Product SKU:	C3519.41.02
Product Description:	C3519, Coaxial Cable, Plenum, RG58/U Type, 19 AWG Solid Bare Copper, 95% Tinned Copper Braid, Flexguard® PVC Jacket - White - 1000 Ft. Reel
Product Category:	Electronics - Plenum Cable (available with rip cords - please contact customer service) - NEC Article 725, Article 800, Coaxial Cable - RG 58/U Type - White

**Product Construction:**

Conductor:	• 18 and 19 AWG, fully annealed, solid bare copper per ASTM B-3; 20 AWG fully annealed, stranded, tinned copper per ASTM B-33
Insulation/Core:	• Premium grade, cellular Fluoropolymer
Shield:	• Tinned copper braid
Jacket:	• Flexguard® flame retardant PVC • Temperature Range: 0°C to +60°C

Product Specification:

No. of Conductors:	• 1
Conductor Size (AWG):	• 19
Jacket Color:	• White
Insulation Material (in):	• Cellular Fluoropolymer 0.102
Insulation Material (mm):	• Cellular Fluoropolymer 2.59
Shield Coverage Nominal Shield DCR:	• 95% Tinned Copper Braid 2.9 Ohm/M
Nominal Outside Diameter (in):	• 0.161
Nominal Outside Diameter (mm):	• 4.09

Nominal Capacitance (pF/ft):	• 25.00
Nominal Capacitance (pF/m):	• 82.00
Velocity of Propagation %:	• 82
Nominal Impedance Ohm:	• 50
Nominal Attenuation MHz/dB per 100 ft:	• 1/0.40 • 200/6.00 • 10/1.30 • 50/2.80 • 100/3.90 • 500/9.50 • 1000/13.50

Standard Packaging:	• 1000' Non-returnable Wood Reels
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Standard Package Quantity:	• 1
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Put-up:	• 1000
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Cube:	• 1296
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Weight Per Unit of Measure:	• .0235
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ColorOption:	• White
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Product Information:

Applications:	• CCTV and MATV • Local Area Networks (LANs) • Programmable Logic Controllers (PLCs) • Suggested voltage rating: 150 Volts • Suitable for RF signal transmission • Video Display Terminals (VDT)
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Compliances:

- Designed to Meet UL 910 Flame Test
- NEC Article 725 (UL: 60°C, 150V)
- NEC Article 800 (UL: 60°C, 300V)

Packaging:

- 1000' (305 m) Reels
- Other put-ups available- consult Customer Service

Technical Specifications

[Unit Conversion Factors](#)

[Cable Design Equations - Balanced Pair](#)

[Insulation and Jacket Properties](#)

[Temperature Conversion Chart](#)

[Decimal and Unit Conversion Factors](#)

[Cable Design Equations - Braid Shield](#)

[AWG Conductor Chart](#)

[Conduit Capacity Chart](#)

[Cable Design Equations - Coaxial Cable](#)

[Engineering Prefixes](#)

[Coax Connector Cross Reference](#)

[Glossary](#)



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