

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):	<ul style="list-style-type: none"> • 25.00
Nominal Capacitance (pF/m):	<ul style="list-style-type: none"> • 82.00
Velocity of Propagation %:	<ul style="list-style-type: none"> • 82
Nominal Impedance Ohm:	<ul style="list-style-type: none"> • 50
Nominal Attenuation MHz/dB per 100 ft:	<ul style="list-style-type: none"> • 1/0.40 • 200/6.00 • 10/1.30 • 50/2.80 • 100/3.90 • 500/9.50 • 1000/13.50
Standard Packaging:	<ul style="list-style-type: none"> • 1000' Non-returnable Wood Reels
Standard Package Quantity:	<ul style="list-style-type: none"> • 1
Put-up:	<ul style="list-style-type: none"> • 1000
Cube:	<ul style="list-style-type: none"> • 1296
Weight Per Unit of Measure:	<ul style="list-style-type: none"> • .0235
ColorOption:	<ul style="list-style-type: none"> • White
Product Information:	
Applications:	<ul style="list-style-type: none"> • 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)

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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