

**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"> <li>• 25.00</li> </ul>
Nominal Capacitance (pF/m):	<ul style="list-style-type: none"> <li>• 82.00</li> </ul>
Velocity of Propagation %:	<ul style="list-style-type: none"> <li>• 82</li> </ul>
Nominal Impedance Ohm:	<ul style="list-style-type: none"> <li>• 50</li> </ul>
Nominal Attenuation MHz/dB per 100 ft:	<ul style="list-style-type: none"> <li>• 1/0.40</li> <li>• 200/6.00</li> <li>• 10/1.30</li> <li>• 50/2.80</li> <li>• 100/3.90</li> <li>• 500/9.50</li> <li>• 1000/13.50</li> </ul>
Standard Packaging:	<ul style="list-style-type: none"> <li>• 1000' Non-returnable Wood Reels</li> </ul>
Standard Package Quantity:	<ul style="list-style-type: none"> <li>• 1</li> </ul>
Put-up:	<ul style="list-style-type: none"> <li>• 1000</li> </ul>
Cube:	<ul style="list-style-type: none"> <li>• 1296</li> </ul>
Weight Per Unit of Measure:	<ul style="list-style-type: none"> <li>• .0235</li> </ul>
ColorOption:	<ul style="list-style-type: none"> <li>• White</li> </ul>
<b>Product Information:</b>	
Applications:	<ul style="list-style-type: none"> <li>• CCTV and MATV</li> <li>• Local Area Networks (LANs)</li> <li>• Programmable Logic Controllers (PLCs)</li> <li>• Suggested voltage rating: 150 Volts</li> <li>• Suitable for RF signal transmission</li> <li>• Video Display Terminals (VDT)</li> </ul>

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



**CAROL  
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