

**Product SKU:** C3520.41.86  
**Product Description:** C3520, Coaxial Cable, RG62/U Type, Plenum, Gauge Size 22 AWG Solid Copper Clad Steel, 95% Bare Copper Braid, Flexguard® PVC Jacket - Natural - 1000 Ft. Reel  
**Product Category:** Electronics - Plenum Cable (available with rip cords - please contact customer service) - NEC Article 725, Article 800, Coaxial Cable - RG 62/U Type - Natural

**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
  - 20 & 22 AWG solid copper covered steel per ASTM B-869
- Insulation/Core:**
- Premium grade, cellular Fluoropolymer
- Shield:**
- Bare or tinned copper braid with or without a polyester supported aluminum shield
- Jacket:**
- Flexguard® PVC, Natural
  - Temperature Range: 0°C to +60°C

**Product Specification:**

- Conductor Size (AWG):**
- 22
- Jacket Color:**
- Natural
- Shield Coverage Nominal Shield DCR:**
- 95% Bare Copper Braid 1.9 Ohm/M
- Nominal Outside Diameter (in):**
- 0.201
- Nominal Outside Diameter (mm):**
- 5.11
- Velocity of Propagation %:**
- 84
- Capacitance (pF/ft):**
- 13.0

Capacitance (pF/m):	<ul style="list-style-type: none"> <li>• 42.7</li> </ul>
Nominal Impedance Ohm:	<ul style="list-style-type: none"> <li>• 93</li> </ul>
Core Outside Diameter (in):	<ul style="list-style-type: none"> <li>• 0.145</li> </ul>
Core Outside Diameter (mm):	<ul style="list-style-type: none"> <li>• 3.56</li> </ul>
Nominal Attenuation MHz/dB per 100 ft:	<ul style="list-style-type: none"> <li>• 1/0.30</li> <li>• 100/2.70</li> <li>• 500/5.90</li> <li>• 10/0.85</li> <li>• 50/1.90</li> <li>• 200/3.80</li> <li>• 1000/8.34</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>
UPC #:	<ul style="list-style-type: none"> <li>• 079407750047</li> </ul>
Put-up:	<ul style="list-style-type: none"> <li>• 1000</li> </ul>
SCC-14:	<ul style="list-style-type: none"> <li>• 50079407750044</li> </ul>
Cube:	<ul style="list-style-type: none"> <li>• 900</li> </ul>
Weight Per Unit of Measure:	<ul style="list-style-type: none"> <li>• .031</li> </ul>
ColorOption:	<ul style="list-style-type: none"> <li>• Natural</li> </ul>

**Product Information:**

Applications:

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

Compliances:

- Designed to Meet NFPA 262 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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