

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):	42.7
Nominal Impedance Ohm:	93
Core Outside Diameter (in):	0.145
Core Outside Diameter (mm):	3.56
Nominal Attenuation MHz/dB per 100 ft:	1/0.30 100/2.70 500/5.90 10/0.85 50/1.90 200/3.80 1000/8.34
Standard Packaging:	1000' Non-returnable Wood Reels
Standard Package Quantity:	1
UPC #:	079407750047
Put-up:	1000
SCC-14:	50079407750044
Cube:	900
Weight Per Unit of Measure:	.031
ColorOption:	Natural

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](#)

