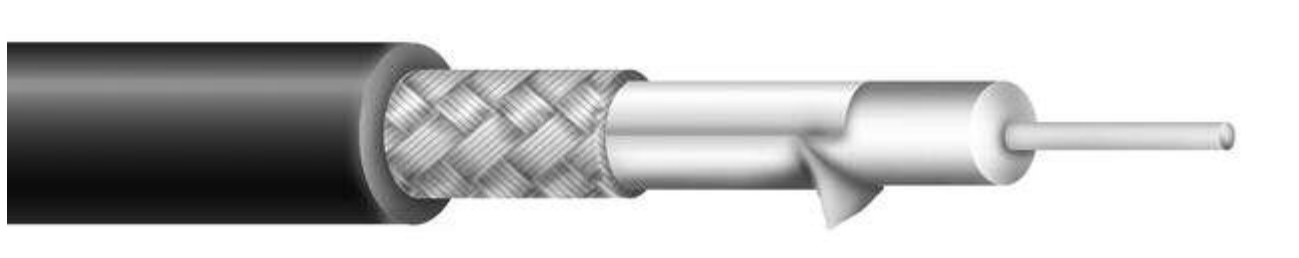


Product SKU: C3521.41.86

Product Description: C3521, Coaxial Cable, RG6/U Type, Plenum, 18 AWG Solid Bare Copper, 100% Flexfoil® +95% Tinned 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 6/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
- 14, 18, 20 & 22 AWG solid copper clad steel per ASTM B-869

Insulation/Core:

- Premium grade, cellular Fluoropolymer

Shield:

- Flexfoil® shield
- Tinned copper braid

Jacket:

- Flexguard® PVC, Natural
- Temperature Range: 0°C to +60°C

Product Specification:

No. of Conductors:

- 1

Conductor Size (AWG):

- 18

Jacket Color:

- Natural

Insulation Material (in):

- Cellular Fluoropolymer 0.170

Insulation Material (mm):

- Cellular Fluoropolymer 4.318

Shield Coverage Nominal Shield
DCR:

- 100% Flexfoil® +95% Tinned Copper Braid 2.3 Ohm/M

Nominal Outside Diameter (in):	0.233
Nominal Outside Diameter (mm):	5.92
Nominal Capacitance (pF/ft):	16.00
Nominal Capacitance (pF/m):	52.50
Velocity of Propagation %:	86
Nominal Impedance Ohm:	75
Core Outside Diameter (in):	0.170
Core Outside Diameter (mm):	4.32
Nominal Attenuation MHz/dB per 100 ft:	1/0.30 10/0.66 50/1.50 100/2.10 200/3.10 500/5.00 1000/7.30
Standard Packaging:	1000' Non-returnable Wood Reels
Standard Package Quantity:	1
UPC #:	079407750054
Put-up:	1000
SCC-14:	50079407750055
Cube:	1748.82813
Weight Per Unit of Measure:	.0416

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 foot (305 m) Pull-Pac ® Cartons
- 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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