

Product SKU: C1142.41.01
Product Description: C1142, Coaxial Cable, RG59/U Type, 20 AWG Solid Bare Copper, 95% Bare Copper Braid, PVC Jacket - Black - 1000 Ft. Reel
Product Category: Electronics - Coaxial Cable - RG 59/U - Black

**Product Construction:**

- Conductor:
- Copper per ASTM B-3
- Insulation/Core:
- Cellular polyethylene
- Shield:
- Bare copper braid
- Jacket:
- Premium PVC compound

Product Specification:

- Conductor Size (AWG):
- 20
- Jacket Color:
- Black
- Insulation Material (in):
- Cellular Polyethylene 0.146
- Insulation Material (mm):
- Cellular Polyethylene 3.71
- Shield Coverage Nominal Shield DCR:
- 95% Bare Copper Braid 2.6 Ohm/M
- Nominal Outside Diameter (in):
- 0.234
- Nominal Outside Diameter (mm):
- 5.94
- Nominal Capacitance (pF/ft):
- 16.20
- Nominal Capacitance (pF/m):
- 53.15

- Velocity of Propagation %:
 - 78

- Nominal Impedance Ohm:
 - 71

- Nominal Attenuation MHz/dB per 100 ft:
 - 1/0.25
 - 10/0.78
 - 50/1.97
 - 100/2.79
 - 200/3.97
 - 500/6.35
 - 1000/9.15

- Standard Packaging:
 - 1000' Non-returnable Wood Reels

- Standard Package Quantity:
 - 1

- UPC #:
 - 079407742059

- Put-up:
 - 1000

- SCC-14:
 - 50079407742055

- Cube:
 - 1584

- Weight Per Unit of Measure:
 - .04

- ColorOption:
 - Black

Product Information:

- Applications:
 - CCTV
 - Citizen band radio
 - Local Area Network (LAN)
 - MATV
 - Monitor/VDT Display
 - Suitable for RF signal transmission

Compliances:

- UL Style 1354 (UL: 60°C, 30V)
- NEC CL2, CATV, CM, CEC CM
- NEC/CEC Type CMG (CSA: 80°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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