

Product SKU:	C1108.41.01
Product Description:	C1108, Coaxial Cable, RG8/U Mini Type, 16 AWG (19 x28) Bare Copper, 95% Bare Copper Braid, PVC Jacket - Black - 1000 Ft. Reel
Product Category:	Electronics - Coaxial Cable - RG 8/U Type - 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):	• 16
Jacket Color:	• Black
Insulation Material (in):	• Cellular Polyethylene 0.155
Insulation Material (mm):	• Cellular Polyethylene 3.94
Shield Coverage Nominal Shield DCR:	• 95% Bare Copper Braid 3.3 Ohm/M
Nominal Outside Diameter (in):	• 0.242
Nominal Outside Diameter (mm):	• 6.15
Nominal Capacitance (pF/ft):	• 25.30
Nominal Capacitance (pF/m):	• 83.01

Velocity of Propagation %:	80
Nominal Impedance Ohm:	50
Nominal Attenuation MHz/dB per 100 ft:	1/0.26 10/0.98 50/2.30 100/3.30 200/4.90 500/8.50 1000/14.30
Standard Packaging:	1000' Non-returnable Wood Reels
Standard Package Quantity:	1
UPC #:	079407740192
Footnote:	Mini-Coax Design
Put-up:	1000
SCC-14:	50079407740199
Cube:	1494.425
Weight Per Unit of Measure:	.05
ColorOption:	Black

Product Information:

Applications:	- Broadcast - Citizen band antenna - Suitable for RF signal transmission
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Compliances:

- NEC Article 725 Type CL2
- NEC Article 800 Type CM
- UL Style 1354 (UL:80°C,30V)
- NEC/CEC Type CMG (CSA: 80°C, 300V)

Packaging:

- 1000' (305 m) Reels
- 500' (152 m) Spools
- 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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