

Product SKU:	C1166.21.01
Product Description:	C1166, Coaxial Cable, RG58/U Type, 20 AWG Solid Bare Copper, 95% Tinned Copper Braid, PVC Jacket - Black - 1000 Ft. Spool
Product Category:	Electronics - Coaxial Cable - RG 58/U Type - Black

**Product Construction:**

Conductor:	• Copper per ASTM B-3
Insulation/Core:	• Solid polyethylene
Shield:	• Tinned copper braid
Jacket:	• Premium PVC compound

Product Specification:

No. of Conductors:	• 1
Conductor Size (AWG):	• 20
No. of Pairs:	• 1
Jacket Color:	• Black
Insulation Material (in):	• Solid Polyethylene 0.116
Insulation Material (mm):	• Solid Polyethylene 2.95
Shield Coverage Nominal Shield DCR:	• 95% Tinned Copper Braid 4.3 Ohm/M
Nominal Outside Diameter (in):	• 0.195
Nominal Outside Diameter (mm):	• 4.95

Nominal Capacitance (pF/ft):	30.00
Nominal Capacitance (pF/m):	98.43
Velocity of Propagation %:	66
Nominal Impedance Ohm:	50
Nominal Attenuation MHz/dB per 100 ft:	1/0.40 10/1.20 50/2.90 100/4.20 200/6.00 500/10.17 1000/16.50
Standard Packaging:	1000' Spool
Standard Package Quantity:	1
UPC #:	079407740512
Put-up:	1000
SCC-14:	50079407740511
Cube:	1318.791
Weight Per Unit of Measure:	.03
ColorOption:	Black

Product Information:

- | | |
|---------------|---|
| Applications: | <ul style="list-style-type: none">BroadcastSuitable for RF signal transmission |
|---------------|---|

Compliances:

- JAN-C-17A Type
- UL Style 1354 (UL:80°C,30V)

Packaging:

- 1000' (305 m) Spools
- 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](#)

