

**Product SKU:** C1178.21.01  
**Product Description:** C1178, Coaxial Cable, RG58/U Type, 20 AWG (19X.0071) Tinned Copper, 95% Tinned Copper Braid, PVC Jacket - Black - 1000 Ft. Spool  
**Product Category:** Electronics - Coaxial Cable - RG 58/U Type - Black

**Product Construction:**

- Conductor:
  - Tinned copper per ASTM B-33
- 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):	• 31.80
Nominal Capacitance (pF/m):	• 104.34
Velocity of Propagation %:	• 66
Nominal Impedance Ohm:	• 50
Nominal Attenuation MHz/dB per 100 ft:	• 1/0.42
	• 10/1.50
	• 50/3.70
	• 100/5.40
	• 200/8.10
	• 1000/22.80
	• 500/13.96
Standard Packaging:	• 1000' Spool
Standard Package Quantity:	• 1
UPC #:	• 079407740604
Footnote:	• RG58A/U Type
Put-up:	• 1000
SCC-14:	• 50079407740600
Cube:	• 1283.04
Weight Per Unit of Measure:	• .03
ColorOption:	• Black

**Product Information:**

- |               |                                       |
|---------------|---------------------------------------|
| Applications: | • Broadcast                           |
|               | • Suitable for RF signal transmission |

Compliances:

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

Packaging:

- 1000 foot (305 m) Pull-Pac <sup>®</sup> Cartons
- 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



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