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[General Cable](#)
[C1178.21.01](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

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 @ 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

