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[General Cable](#)
[C3579.41.02](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

Product SKU: C3579.41.02
Product Description: C3579, Coaxial Cable, RG58/U Type, Plenum, 20 AWG (19X32) Tinned Copper, 100% Flexfoil® +95% Tinned Copper Braid, Flexguard® PVC Jacket - White- 1000 Ft. Reel
Product Category: Electronics - Coaxial Cable - Other Coaxial Cables - White



Product Construction:

- Conductor:
 - 20 AWG fully-annealed, stranded tinned copper per ASTM B-33
- Insulation/Core:
 - Cellular FEP design
- Shield:
 - Bare or tinned copper braid with or without a polyester supported aluminum shield
- Jacket:
 - Flexguard® flame retardant PVC
 - Temperature Range: 0°C to +60°C

Product Specification:

- No. of Conductors:
 - 1
- Conductor Size (AWG):
 - 20
- Jacket Color:
 - White
- Shield Coverage Nominal Shield DCR:
 - 100% Flexfoil® +95% Tinned Copper Braid 3.1 Ohm/M
- Nominal Outside Diameter (in):
 - 0.165
- Nominal Outside Diameter (mm):
 - 4.19
- Nominal Capacitance (pF/ft):
 - 26.00
- Nominal Capacitance (pF/m):
 - 85.31



- Velocity of Propagation %: • 78

- Nominal Impedance Ohm: • 50

- Core Outside Diameter (in): • 0.100

- Core Outside Diameter (mm): • 2.54

- Nominal Attenuation MHz/dB per 100 ft:
 - 50/2.90
 - 100/4.20
 - 10/1.30
 - 1/0.60
 - 500/10.00
 - 200/6.10
 - 1000/14.80

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

- Standard Package Quantity: • 1

- UPC #: • 079407750085

- Put-up: • 1000

- SCC-14: • 50079407750088

- Cube: • 1224

- Weight Per Unit of Measure: • .02

- ColorOption: • White

Product Information:



Applications:

- CCTV and MATV
- Local Area Networks (LANs)
- Programmable Logic Controllers (PLCs)
- RF signal transmission
- Suggested voltage rating: 150 Volts
- Video Display Terminals (VDT)

Compliances:

- Designed to Meet UL 910 Flame Test
- NEC Article 444 (UL: 60°C, 300V)
- NEC Article 725 (UL: 60°C, 150V)
- NEC CL2P, CMP; CEC CMP

Packaging:

- 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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