

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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