

Product SKU:	C8005.41.01
Product Description:	C8005, Coaxial Cable -- Siamese, RG59/U Type, 23 AWG Solid Copper Clad Steel, 100% Flexfoil® +95% Tinned Copper Braid, PVC Jacket - Black - 1000 Ft. Reel
Product Category:	Electronics - Coaxial Cable - RG 59/U - Black

**Product Construction:**

Conductor:	Copper clad steel per ASTM B-869
Insulation/Core:	Solid polyethylene
Shield:	- Flexfoil® shield - Tinned copper braid
Jacket:	Premium PVC compound

Product Specification:

No. of Conductors:	2
Conductor Size (AWG):	23
Jacket Color:	Black
Insulation Material (in):	Solid Polyethylene 0.146
Insulation Material (mm):	Solid Polyethylene 3.71
Shield Coverage Nominal Shield DCR:	100% Flexfoil® +95% Tinned Copper Braid 2.9 Ohm/M
Nominal Outside Diameter (in):	Black PVC 0.242 X 0.498
Nominal Outside Diameter (mm):	Black PVC 6.15 X 12.65
Nominal Capacitance (pF/ft):	21.00

Nominal Capacitance (pF/m):	68.90
Velocity of Propagation %:	66
Nominal Impedance Ohm:	73
Nominal Attenuation MHz/dB per 100 ft:	1/0.44 10/1.02 50/2.44 100/3.55 200/5.18 500/8.59 1000/13.56
Standard Packaging:	1000' Non-returnable Wood Reels
Standard Package Quantity:	1
UPC #:	079407741083
Footnote:	Dual-Type (Siamese) Construction
Put-up:	1000
SCC-14:	50079407741088
Cube:	960
Weight Per Unit of Measure:	.0662
ColorOption:	Black

Product Information:

Applications:

- Analog video
- Citizen band radio
- Local Area Network (LAN)
- MATV
- Monitor/VDT Display
- Suitable for RF signal transmission

Compliances:

- NEC CL2, CATV, CM, CEC CM
- UL Style 20063
- NEC/CEC Type CMG (CSA: 80°C, 300V)

Packaging:

- 1000' (305 m) Reels
- 500' (152m) 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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