

**Product SKU:** C5770.18.01  
**Product Description:** C5770, Coaxial Cable, RG59/U Type, 22 AWG Solid Copper Clad Steel, 100% Flexfoil® Bonded +40% Aluminum Braid, PVC Jacket - Black - 500 Ft. Spool  
**Product Category:** Electronics - Coaxial Cable - RG 59/U - Black

**Product Construction:**

- |                  |   |
|------------------|---|
| Conductor:       | <ul style="list-style-type: none"><li>• Copper clad steel per ASTM B-869</li></ul>          |
| Insulation/Core: | <ul style="list-style-type: none"><li>• Cellular polyethylene design</li></ul>              |
| Shield:          | <ul style="list-style-type: none"><li>• Aluminum braid</li><li>• Flexfoil® shield</li></ul> |
| Jacket:          | <ul style="list-style-type: none"><li>• Premium PVC compound</li></ul>                      |

**Product Specification:**

- |                                     |  |
|-------------------------------------|--|
| No. of Conductors:                  | <ul style="list-style-type: none"><li>• 1</li></ul>  |
| Conductor Size (AWG):               | <ul style="list-style-type: none"><li>• 22</li></ul>   |
| Jacket Color:                       | <ul style="list-style-type: none"><li>• Black</li></ul>  |
| Insulation Material (in):           | <ul style="list-style-type: none"><li>• Cellular Polyethylene 0.144</li></ul>                          |
| Insulation Material (mm):           | <ul style="list-style-type: none"><li>• Cellular Polyethylene 3.66</li></ul>                           |
| Shield Coverage Nominal Shield DCR: | <ul style="list-style-type: none"><li>• 100% Flexfoil® Bonded +40% Aluminum Braid 11.0 Ohm/M</li></ul> |
| Nominal Outside Diameter (in):      | <ul style="list-style-type: none"><li>• 0.231</li></ul>  |
| Nominal Outside Diameter (mm):      | <ul style="list-style-type: none"><li>• 5.87</li></ul>   |

Nominal Capacitance (pF/ft):	• 16.00
Nominal Capacitance (pF/m):	• 52.50
Velocity of Propagation %:	• 78
Nominal Impedance Ohm:	• 80
Nominal Attenuation MHz/dB per 100 ft:	• 1000/9.40
	• 50/2.30
	• 100/3.30
	• 200/4.10
	• 1/0.50
	• 10/1.00
	• 500/6.50
Standard Packaging:	• 500' Spool
Standard Package Quantity:	• 1
UPC #:	• 079407740017
Put-up:	• 500
SCC-14:	• 50079407740011
Cube:	• 847.44
Weight Per Unit of Measure:	• .02
ColorOption:	• Black

**Product Information:**

Applications:

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

Compliances:

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

Packaging:

- 1000 foot (305 m) Pull-Pac ® Cartons
- 1000' (305 m) Reels
- 500' (152 m) Spools
- Other put-ups available- consult Customer Service

**Technical Specifications**

[4' Electrical Wire Center](#)

[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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