

Product SKU: C5804.41.01

Product Description: C5804, Coaxial Cable, RG6/U Type, 18 AWG Solid Copper Clad Steel, 100% Flexfoil® Bonded +60% Aluminum Braid w/water block, Polyethylene Jacket - Black - 1000 Ft. Reel

Product Category: Electronics - Coaxial Cable - RG 6/U - Black

**Product Construction:**

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

Product Specification:

- | | |
|-------------------------------------|---|
| Conductor Size (AWG): | <ul style="list-style-type: none">• 18 |
| Jacket Color: | <ul style="list-style-type: none">• Black |
| Insulation Material (in): | <ul style="list-style-type: none">• Cellular Polyethylene 0.180 |
| Insulation Material (mm): | <ul style="list-style-type: none">• Cellular Polyethylene 4.57 |
| Shield Coverage Nominal Shield DCR: | <ul style="list-style-type: none">• 100% Flexfoil® Bonded +60% Aluminum Braid w/water block 9.0 Ohm/M |
| Nominal Outside Diameter (in): | <ul style="list-style-type: none">• Permaline® Black, Orange PE 0.270 |
| Nominal Outside Diameter (mm): | <ul style="list-style-type: none">• Permaline® Black, Orange PE 6.86 |
| Nominal Capacitance (pF/ft): | <ul style="list-style-type: none">• 16.20 |

Nominal Capacitance (pF/m):	53.15
Velocity of Propagation %:	85
Nominal Impedance Ohm:	75
Nominal Attenuation MHz/dB per 100 ft:	1/0.26 10/0.81 50/1.46 100/2.05 200/2.83 500/4.53 1000/6.59 1450/8.10 1800/8.80 2200/10.10
Standard Packaging:	1000' Non-returnable Wood Reels
Standard Package Quantity:	1
UPC #:	079407742127
Footnote:	Moistureguard Direct Burial, Flooded
Put-up:	1000
SCC-14:	50079407742122
Cube:	1440
Weight Per Unit of Measure:	.0244
ColorOption:	Black

Product Information:

Applications:

- Digital video
- CATV
- Direct burial
- LAN cable
- MATV

Packaging:

- 1000' (305 m) Reels
- 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](#)

