

Product SKU: C5824.41.01

Product Description: C5824, Coaxial Cable, RG6/U DBS Type w/ 17 AWG CCS Ground Wire, 18 AWG Solid Bare Copper, 100% Flexfoil® Bonded +60% Aluminum Braid, PVC Jacket - Black - 1000 Ft. Reel

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

**Product Construction:**

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

Product Specification:

- | | |
|-------------------------------------|---|
| No. of Conductors: | <ul style="list-style-type: none">• 1 |
| 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 9.0 Ohm/M |
| Nominal Outside Diameter (in): | <ul style="list-style-type: none">• Black PVC 0.270 X 0.410 |
| Nominal Outside Diameter (mm): | <ul style="list-style-type: none">• Black PVC 6.86 X 10.41 |
| Nominal Capacitance (pF/ft): | <ul style="list-style-type: none">• 16.20 |
| Nominal Capacitance (pF/m): | <ul style="list-style-type: none">• 53.15 |

Velocity of Propagation %:	<ul style="list-style-type: none">85
Nominal Impedance Ohm:	<ul style="list-style-type: none">75
Nominal Attenuation MHz/dB per 100 ft:	<ul style="list-style-type: none">1/0.2610/0.8150/1.46100/2.05200/2.83500/4.531000/6.591450/8.101800/8.802200/10.10
Standard Packaging:	<ul style="list-style-type: none">1000' Non-returnable Wood Reels
Standard Package Quantity:	<ul style="list-style-type: none">1
UPC #:	<ul style="list-style-type: none">079407742103
Footnote:	<ul style="list-style-type: none">Excellent for Direct Broadcast Satellite SignalsContains 17 AWG (.045") CCS ground wire
Put-up:	<ul style="list-style-type: none">1000
SCC-14:	<ul style="list-style-type: none">50079407742100
Cube:	<ul style="list-style-type: none">2450
Weight Per Unit of Measure:	<ul style="list-style-type: none">.05
ColorOption:	<ul style="list-style-type: none">Black

Product Information:

Applications:

- Digital video
- Direct broadcast satellite
- LAN cable

Compliances:

- NEC CL2, CATV, CM, CEC CM

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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