

Product SKU: C5775.18.01
Product Description: C5775, Coaxial Cable, RG6/U Type, 18 AWG Solid Copper Clad Steel, 100% Flexfoil® Bonded +60% Aluminum Braid, PVC Jacket Black, 500'™ Ft Spool
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 |
| 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">• 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 0.177 |
| Insulation Material (mm): | <ul style="list-style-type: none">• Cellular Polyethylene 4.50 |
| 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">• 0.263 |
| Nominal Outside Diameter (mm): | <ul style="list-style-type: none">• 6.68 |

- Nominal Capacitance (pF/ft):
 - 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
- Cube:
 - 1330.89

Product Information:

- Applications:
 - CATV
 - Drop cable
 - FM broadcast
 - Local Area Networks (LANs)
 - MATV
 - Suitable for RF signal transmission
- Compliances:
 - NEC CL2, CATV, CM, CEC CM

Packaging:

- 1000' spool
- 1000' (305 m) Reels
- 500' (152m) Reels
- Other put-ups available- consult Customer Service
- 25', 50', and 100' Retail Lengths w/ F-Type Connectors
- 25', 50', and 100' Retail Lengths w/o Connectors

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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