

Product SKU: C5776.41.01
Product Description: C5776, Coaxial Cable, RG6/U Type, 18 AWG Solid Copper Clad Steel, 100% Flexfoil® Bonded +95% Aluminum Braid, PVC Jacket - Black - 1000 Ft. Reel
Product Category: Electronics - Coaxial Cable - RG 6/U

**Product Construction:**

- Conductor:**
- Copper clad steel per ASTM B-869
- Insulation/Core:**
- Cellular polyethylene
- Shield:**
- Aluminum braid
 - Flexfoil® shield
- Jacket:**
- Premium PVC compound

Product Specification:

- No. of Conductors:**
- 1
- Conductor Size (AWG):**
- 18
- Jacket Color:**
- Black
- Insulation Material (in):**
- Cellular Polyethylene 0.177
- Insulation Material (mm):**
- Cellular Polyethylene 4.50
- Shield Coverage Nominal Shield DCR:**
- 100% Flexfoil® Bonded +95% Aluminum Braid 4.4 Ohm/M
- Nominal Outside Diameter (in):**
- 0.276
- Nominal Outside Diameter (mm):**
- 6.78

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:	<ul style="list-style-type: none"> • 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 #:	• 079407740956
Put-up:	• 1000
SCC-14:	• 50079407740955
Cube:	• 1794.8125
Weight Per Unit of Measure:	• .03

Product Information:

Applications:

- CATV
- Drop cable
- FM broadcast
- Local Area Network (LAN)
- MATV
- Suitable for RF signal transmission

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

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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