



## RG6 CATV Quad Shielded Direct Burial Coaxial Bulk Cable

RG6 18 AWG CATV coaxial cable is made for cable television (CATV), digital television (satellite), direct burial TV antenna, and home audio/video applications.

This cable has an 18 AWG solid copper clad steel conductor including 60% AL braiding with AL foil shielding. It also has a foam polyethylene dielectric core and is coated with a black UV resistant polyethylene jacket. This 1000FT coaxial cable is supplied on a wooden spool.

### Features

- 18 AWG Solid Copper Clad Steel Conductor
- Foam Polyethylene Dielectric Core
- UV Resistant
- PE Jacket
- 3 GHz Sweep Tested
- Cable Is Marked In Descending Order So You Always Know How Much Cable Is Left

### Compliance

- RoHS Compliance For The Requirement Of European Union Issued Directive 2002/95/EC

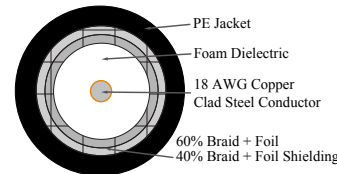
### Physical Characteristics

- Conductor Size: 18 AWG
- Conductor Material: Solid Copper Clad Steel
- Insulation Outer Diameter: 0.180 in. (4.57mm.)
- Insulation Material: Foam PE
- Shielding:
  - 100% Bonded Aluminum Foil + 60% Aluminum Wire Braiding + 100% Aluminum Foil + 40% Aluminum Wire Braiding
- Outer Jacket Material: PE
- Outer Jacket Diameter: 0.287 in. (7.29mm.)

# RG6



### Technical Diagram



### Available Jacket Colors

- Black Item# CC-3032BK-6QD



### Electrical Characteristics

- Nominal Impedance: 75 ± 3 Ohms
- Nominal Velocity Of Propagation: 83%
- Nominal Capacitance: 16.2 Pf/M
- Nominal Conductor DC Resistance DCR @ 20°C: 102 Ohms/km
- Maximum Operating Voltage-UL: 350 VRMS

### Mechanical Characteristics

- Storage Temperature Range: N/A
- Installation Temperature Range: N/A
- Operating Temperature Range: -30°C To +60°C
- Maximum Recommended Pulling Tension: 110 lbs.

### Applications

- Cable Television (CATV)
- Digital HDTV / Satellite
- Outdoor / Direct Burial TV Antennas
- Audio / Video

### Cable Put-Ups

Cable is supplied in 1000ft increments on wooden spool.

### RG6 CATV Coax Cable Maximum Attenuation

Frequency (MHz Maximum)	Attenuation (dB/100 ft Nominal)	Attenuation (dB/100 ft Maximum)	Frequency (MHz Maximum)	Attenuation (dB/100 ft Nominal)	Attenuation (dB/100 ft Maximum)
55	N/A	1.60	2500	N/A	10.50
211	N/A	2.87	3000	N/A	11.40
270	N/A	3.24			
300	N/A	3.55			
350	N/A	3.72			
400	N/A	4.00			
450	N/A	4.40			
550	N/A	4.71			
750	N/A	5.65			
870	N/A	6.00			
1000	N/A	6.55			
1450	N/A	7.98			
1800	N/A	8.87			
2200	N/A	9.80			

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## RG6 CATV Quad Shielded Direct Burial Coaxial Bulk Cable

### Related Products

#### Coax Compression Tool, RG11/7/6/59 Standard F Type

This rugged very easy to use tool is designed for RG11, RG6, RG59, RG7 CATV installations. Patented rotating head allows for quick change between RG11/7 and RG59/6 with no adjustments required. Crimp height is fixed for most other brands of compression connectors with similar compression length meeting the industry standard when fully compressed. Tool frame is constructed of high carbon steel with a black oxide rust resistant finish and also includes molded cushioned handles for a strong comfortable grip.



TL2-1981

#### Pro Snap N Seal™ RG6 Universal F-Type Connector for Standard and Quad Shield Green Ring

The ProSNS™ (Snap N Seal) RG6 universal F-type connector uses a patented detachable plastic sleeve guide to assist with insertion of cable conductor. As the conductor is inserted into the back of the connector, the plastic guide is pushed forward and out from the front of the connector. The guide detaches and falls out once the cable is properly inserted, making it easy for the installer to see that the conductor is inserted properly. The internal O-ring at base of the nut facilitates installation. The ProSNS™ technology makes this high quality universal F-type connector install in a snap.



CN2-7889-6

#### All-In-One Stripping Tool for Data, Coax, Telephone & Specialty Cable

Lightweight, compact and versatile, the All-In-One Cable Stripping Tool helps reduce installation time and tooling costs for installers and technicians. This tool can strip coaxial, CAT 3, CAT 5E, CAT 6, CAT 6A, shielded, plenum or PVC as well as round telephone and audio cables as well as single and multi-mode fiber-optic cable. Primus Cable offers this easy to use, All-In-One Stripping Tool for all networking data, voice and video cable types.



TL5-4607

#### Network Cable Tester - RJ11, RJ12, RJ45 and BNC

Our network cable tester works with RJ45, RJ11, RJ12, and BNC connections. It quickly and easily checks for cable continuity, mis-wiring, open, short, straight-through or cross pinning or whether the cable was installed correctly or not.



TL4-2262

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