



# 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 1000 ft. of 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 Swept Tested
- EU Directive 2002/95/EC (RoHS)
- 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

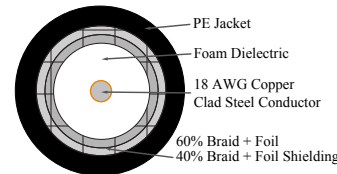
### Physical Characteristics

- Conductor Size: 18 AWG
- Conductor Material: Solid Copper Clad Steel
- Dielectric Core Diameter: 0.180 in. (4.57mm.)
- Dielectric Material: Foam
- 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 (AWM Style 1354)

### 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.

| 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                            |                         |                                 |                                 |

PrimusCable.com - (951) 824-1571





## 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.



CN2-4939-6

#### 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

©2017 CRN Solutions Inc. dba. Primus Cable  
All Rights Reserved.

Although Primus Cable makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Primus Cable provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Primus Cable be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Primus Cable has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Primus Cable products are subject to Primus Cable's standard terms and conditions of sale. Primus Cable believes this product to be in compliance with EU RoHS (Directive 2002/EC, 27 Jan. 2003). Material manufactured prior to the compliance date may be in stock at Primus Cable facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Primus Cable's knowledge, information, and belief at the date any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification and regulations based on their individual usage of the product.

Primus Cable declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC

PrimusCable.com - (951) 824-1571

