RG6 CATV Dual Shield Direct Burial Cable

RG6

RG6 CATV direct burial coaxial cable is made for outdoor Cable Television (CATV), audio, and video networking applications. This cable has a 18 AWG solid copper clad steel conductor including a 60% AL braiding with AL foil. It also has a foam dielectric core and coated with a black PE jacket. This 1000 ft. of coaxial cable is supplied on a wooden spool.

Features

- 18 AWG Solid Copper Clad Steel Conductor
- Foam Dielectric Core
- 60% Aluminum Wire Braiding
- PE Jacket
- CM Rated
- Made In The USA
- 3 GHz. Swept Tested
- Easy To Use Spool
- 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
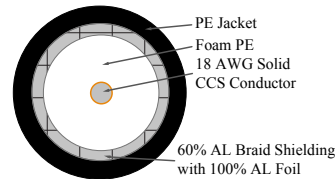
Physical Characteristics

- Conductor Size: 18 AWG
- Conductor Material: Solid Copper Clad Steel
- Dielectric Core Diameter: 0.180 in. (4.57mm.)
- Dielectric Material: Foam
- Shielding:
    100% AL Foil +
    60% AL Wire Braiding
- Outer Jacket Material: PE
- Outer Jacket Diameter: 0.272 in. (6.90mm.)

Technical Diagram

PE Jacket
Foam PE
18 AWG Solid CCS Conductor
60% AL Braid Shielding with 100% AL Foil

Available Jacket Colors

● Black Item# CC-3031BK-6D

Electrical Characteristics

- Nominal Impedance: 75 Ohm
- Nominal Velocity Of Propagation: 83%
- Nominal Capacitance: 16.2 Pf/M
- Nominal Conductor DC Resistance DCR @ 20°C: 102 Ohm/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)
- Audio / Video

Cable Put-Ups

Cable is supplied in 1000ft. increments on a 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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RoHS

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. Tools 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

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