

RG6 18 AWG CATV quad shield Riser CMR coaxial cable is made for digital HDTV, digital satellite, and cable television (CATV) applications in Riser areas where extra shielding is required. This cable has a 18 AWG solid bare copper conductor with quad shield 60% aluminum wire braiding + bonded aluminum foil + 40% aluminum wire braiding + aluminum foil. It also has a foam polyethylene dielectric core and coated with a White or Black FR-PVC jacket and is available in 500ft or 1000ft. lengths.

### Features

- 18 AWG Solid Bare Copper Center Conductor
- Foam Polyethylene Dielectric Core
- 60% Bonded AL Wire Braiding + 100% AL Foil + 40% AL Wire Braiding + 100% AL Foil Shielding
- Riser CMR Jacket
- CMR Rated
- UL Listed & ETL Verified
- 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

- NEC Articles: CMR, CATVR, Riser
- UL Listed
- ETL Verified
- RoHS Compliance For The Requirement Of European Union Issued Directive 2002/95/EC

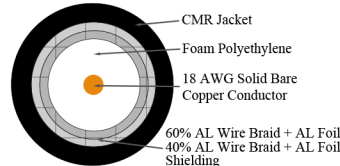
### Physical Characteristics

- Conductor Size: 18 AWG
- Conductor Material: Solid Bare Copper
- Dielectric Core Diameter: 0.180 in. NOM.
- Dielectric Material: Foam Polyethylene
- Shielding:
  - 100% Bonded Aluminum Foil + 0.12/80 60% Aluminum Wire Braiding + 100% Aluminum Foil + 0.12/48 40% Aluminum Wire Braiding +
- Outer Jacket Material: Riser CMR
- Outer Jacket Diameter: 0.284 in NOM.

## RG6



### Technical Diagram



### Available Jacket Colors

- Black Item# CC1-2169BK-6QB-5
- White Item# CC1-2170WH-6QB-5
- Black Item# CC1-1043BK-6QB
- White Item# CC1-1044WH-6QB

### Electrical Characteristics

- Nominal Impedance: 75 ohm
- Nominal Velocity Of Propagation: N/A
- Nominal Capacitance: 15.8 Pf/M
- Nominal Conductor DC Resistance: 21.1 Ohm/1KM
- Maximum Operating Voltage-UL: N/A
- Structure Return Loss:
  - 5-450 Mhz >22dB
  - 450-3.0 Ghz >20dB

### Mechanical Characteristics

- Temperature Range: -20°C to +60°C
- Maximum Recommended Pulling Tension: N/A

### Applications

- Cable Television (CATV)
- Digital HDTV
- Digital Satellite
- Audio / Video

### Cable Put-Ups

Cable is supplied in 1000ft. increments on a wooden spool.

### RG6 CATV Riser CMR Coax Cable Maximum Attenuation

Frequency (MHz)	Attenuation (Nominal dB/100M)	Attenuation (Maximum dB/100M)
5	N/A	2.60
55	N/A	5.25
187	N/A	9.35
300	N/A	11.64
450	N/A	14.43
750	N/A	18.54
865	N/A	20.01
1000	N/A	21.49
1450	N/A	26.16
1800	N/A	29.08
2200	N/A	32.13
2500	N/A	34.42
3000	N/A	37.50