

# RG6 Coaxial Cable

RG6 coaxial cables are designed for reliable signal transmission. These cables feature a CCS center conductor, FPE dielectric, and multiple shielding options, encased in a PVC jacket.

## ADDITIONAL IMAGES



## Product Overview

### High-Performance RG6 Coaxial Cable

This series of RG6 coaxial cables is engineered for reliable signal transmission in demanding environments, including cable television, satellite communication, and data transmission systems. Featuring a CCS center conductor and FPE dielectric, these cables provide excellent signal integrity and durability. With multiple shielding configurations available, they are designed to minimize electromagnetic interference while maintaining optimal performance.

## Mechanical Specifications

### Mechanical Properties

- Cable Temperature Rating: 70°C
- Jacket Break Point: e 10.34 Mpa
- Minimum Bending Radius: 15x Outer Diameter

## Electrical Specifications

### Core Electrical Metrics

**75 ©**

Impedance

**85 %**

Velocity of Propagation

**3000 Vac**

Sparker Test

## Model Comparison

### Model Specifications

| Model | Shielding  | Jacket Diameter |
|-------|------------|-----------------|
| RG6E  | Foil1/AL   | 6.80mm          |
| RG6   | A/P/AL     | 6.90mm          |
| RG6U  | A/P/BC/CCA | 6.90mm          |
| RG6T  | BA/P/AL    | 7.06mm          |
| RG6Q  | BA/P/DA/P  | 7.40mm          |

## Attenuation

### Attenuation (dB/100m @ 20°C)

| Frequency (MHz) | Attenuation (dB/100m) |
|-----------------|-----------------------|
| 5               | 1.9                   |
| 55              | 5.3                   |
| 200             | 9.4                   |
| 250             | 10.8                  |
| 300             | 11.3                  |
| 400             | 13.1                  |
| 550             | 16.1                  |
| 750             | 18.4                  |
| 870             | 20                    |
| 1000            | 21.5                  |
| 1450            | 26.3                  |
| 1750            | 28.7                  |
| 2050            | 31                    |
| 2250            | 32.8                  |

## Compliance & Standards

### Certifications

RoHS Compliant