

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.

The image shows a thumbnail of a technical datasheet for RG6 Coaxial Cable. The title is 'RG6 COAXIAL CABLE'. Below the title, it lists 'LG Series' and provides a table of specifications. The table includes columns for 'Part Number', 'Impedance', 'Velocity of Propagation', 'Attenuation', and 'Shielding'. The table lists various cable types and their corresponding specifications.

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