

RG11 Coaxial Cable for Signal Transmission

RG11 coaxial cable is designed for high-performance signal transmission. It features a solid copper conductor for optimal conductivity and is suitable for long cable runs and demanding applications.



Overview

High-Performance RG11 Coaxial Cable

The RG11 coaxial cable is engineered for high-signal integrity in demanding wireless and data communication systems. With a 75-ohm impedance and robust dual-shielding, it is ideal for long-distance runs in cable television, satellite, and broadband infrastructure. Designed with versatile shielding and jacket options, this cable provides exceptional protection against environmental factors and electromagnetic interference.

Electrical Specifications

Impedance

75 \odot

Impedance

Physical Properties

Inner Conductor Diameter	1.63 mm
Insulation Diameter	7.11 mm
Jacket Outer Diameter	10.03 mm

Construction

Material Composition

Component	Material Options
Inner Conductor	BC or CCS
Insulation	Foamed Polyethylene
Shield 1	Al Foil or Copper Foil
Shield 2	BC, TC, or AA Wire braiding
Jacket	PVC, LSZH, or PE

Safety and Environment

Operating Temperature	-25 to 70°C or -40 to 70°C
Flame Retardant Grades	CMX, CM, CMR, CATVX, CATV, CATVR, CPR Eca, CPR Dca, CPR System 1+

Standards

Reference Standards

- MIL-C-17
- EN50575
- EN50399
- EN60332-1-2
- EN61034-2