

# 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**  $\Omega$

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