

# RG6 Coaxial Cable with Messenger Wire

RG6 coaxial cable with an attached messenger wire for aerial support. It features a black outer jacket, braided shield, dielectric insulation, and a copper center conductor.



## Product Overview

### RG6 Coaxial Cable with Integrated Messenger

This high-performance RG6 coaxial cable is specifically engineered for robust CCTV data communication systems. It features an integrated steel messenger wire to provide critical structural support during aerial or long-span installations. Designed for reliability, the cable utilizes high-quality shielding and foamed polyethylene insulation to ensure stable 50Ω impedance transmission in demanding environments.

## Technical Specifications

Impedance	50 Ω
Operating Temperature Range	-40 to 70°C
Reference Standard	MIL-C-17

## Construction

### Material Components

Component	Specification
Inner Conductor	1.02mm BC or CCS
Dielectric Insulation	4.57mm Foamed PE
Messenger Wire	1.30mm Steel
Jacket Dimensions	6.86 + 2.80mm
Jacket Material	PVC or PE

### Shielding Configuration

- Al Foil
- BC, TC, or AA wire Braiding

## Compliance

Available Flame Retardant Grades	CMX, CM, CMR, CATVX, CATV, CATVR
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