

Camera Cable RG174 Coaxial C50 50M

C50 RG174 + 2 Power Cores Coaxial Cable – 50M

Low-Voltage Signal & Power Transmission Cable

1. Product Overview

The C50 RG174 + 2 Power Cores Cable (50M) is a professional low-voltage coaxial solution designed for combined signal and power transmission in CCTV and communication systems.

This cable integrates high-quality RG174 coaxial with two dedicated power cores, enabling efficient single-line installation for compact surveillance and low-voltage applications.

Manufactured with a 0.50mm pure copper inner conductor, NEW HDPE dielectric (1.5mm), triple-layer shielding (6mm aluminum foil + 64 × 0.12mm CCA braiding + additional 12mm aluminum foil), it ensures stable signal transmission, reduced interference, and enhanced protection.

The durable white PVC outer jacket supports both indoor and outdoor installations, ensuring long-term reliability.

2. Key Functional Features

- Total Length: 50 Meters
- Cable Type: RG174 Coaxial + 2 Power Cores
- Inner Conductor: 0.50mm Pure Copper
- Power Cores: 31 × 0.16mm
- Dielectric: 1.5mm NEW HDPE
- Shielding Structure:
 - 6mm Aluminum Foil
 - 64 × 0.12mm CCA Braiding
 - Additional 12mm Aluminum Foil (Blue)
- Outer Jacket: 0.57mm PVC (White)
- Combined Signal & Power Transmission
- Suitable for Low-Voltage, Communication & CCTV Systems
- Indoor & Outdoor Installation
- Lifetime Warranty (Indoor) / 5-Year Warranty (Outdoor)

3. Technical Specifications

Coaxial Structure Specifications

Item	Specification
Cable Type	RG174 + 2 Power Cores
Length	50 Meters
Inner Conductor	0.50mm Pure Copper
Dielectric	1.5mm NEW HDPE
Shielding	AL Foil + 64×0.12mm CCA Braid + 12mm AL Foil
Outer Jacket	PVC (0.57mm)

Item	Specification
Jacket Color	White

Power Core Specifications

Item	Specification
Number of Power Cores	2
Strand Structure	31 × 0.16mm
Application	Low-Voltage Power Supply

4. Application Areas

- CCTV Surveillance Systems
- Low-Voltage Installations
- Communication Systems
- Access Control Systems
- Alarm Systems
- Professional Contractors & Installers

5. Installation Environment

Environment	Suitability
Indoor Use	Yes
Outdoor Use	Yes

6. Warranty & After-Sales Support

Installation Type	Warranty
Indoor Use	Lifetime Warranty
Outdoor Use	5 Years Warranty

All cables are factory-tested and supplied sealed and ready for professional installation.

