

## Camera Cable RG174 Coaxial C50 100M

C50 RG174 + 2 Power Cores Coaxial Cable – 100M

Low-Voltage Signal & Power Transmission Cable

### 1. Product Overview

The C50 RG174 + 2 Power Cores Cable (100M) is a professional low-voltage coaxial solution engineered for combined signal and power transmission in CCTV and communication systems.

The cable integrates high-quality RG174 coaxial with two dedicated power cores, simplifying installation and reducing wiring complexity in surveillance and low-voltage projects.

Manufactured with a 0.50mm pure copper inner conductor, NEW HDPE dielectric (1.5mm), and advanced triple-layer shielding (6mm aluminum foil + 64 × 0.12mm CCA braiding + additional 12mm aluminum foil), it ensures stable signal integrity, minimal interference, and reliable long-distance performance.

The durable white PVC outer jacket supports both indoor and outdoor installation.

### 2. Key Functional Features

- Total Length: 100 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 Use
- Lifetime Warranty (Indoor) / 5-Year Warranty (Outdoor)

### 3. Technical Specifications

#### Coaxial Structure Specifications

| Item            | Specification                                |
|-----------------|--|
| Cable Type      | RG174 + 2 Power Cores                        |
| Length          | 100 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 Networks
- Alarm & Access Control 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.

