

## Kico RG59 Coaxial Cable 305M- Full Copper DATA SHEET

The Kico RG59 Coaxial Cable 305M, which often comes with integrated power wires as the model **KICO RG59+2C**, features a **solid bare copper inner conductor**, a 75-ohm impedance, and a PVC jacket suitable for CCTV installations.

### **KICO RG59+2C Technical Specifications**

<b>Feature</b>	<b>Specification</b>
<b>Inner Conductor</b>	Solid <b>Bare Copper</b> (BC)
<b>Conductor Diameter</b>	0.81 mm (~20 AWG)
<b>Impedance</b>	75 Ohms
<b>Dielectric Material</b>	Foam Polyethylene (FPE/SPE)
<b>Dielectric Diameter</b>	3.7 mm
<b>Shielding (Braid)</b>	96*0.12mm Copper Clad Aluminum (CCA) braid coverage
<b>Shielding (Foil)</b>	Aluminum foil shield
<b>Jacket Material</b>	PVC / PE (weather-resistant)
<b>Outer Diameter</b>	Approx. 6.1mm (coax part)
<b>Length</b>	305 meters (1000 feet)

<b>Power Wires (if "2C" model)</b>	2-core, 18 AWG stranded copper power cables integrated into the jacket
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<b>Application</b>	CCTV, CATV, analog video transmission
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### Key Features

- **Signal Quality:** The solid copper center conductor helps ensure minimal signal loss, providing clear video transmission for up to 300 meters (1000 feet) for HD-over-coax systems.
- **Interference Protection:** Dual shielding (foil and braid) provides protection against electromagnetic interference (EMI) and radio frequency interference (RFI), which is essential in noisy environments like those found near power lines.
- **Installation Benefits:** The "Siamese" design, combining video and power into one cable, simplifies installation and reduces cable clutter, making it a professional choice for security system setups.
- **Durability:** The durable PVC jacket is suitable for both indoor and outdoor installations.