



PRODUCT DESCRIPTION

- RG59 Siamese CCTV cable allows installers to run both the video and power to security cameras (analog CCTV, 720p and 1080p HD cameras) using a single cable run. RG-59 coaxial cable comes in 500 ft pull box or 1000 ft reels and is available in black or white jacket colors. The RG59 cable that Hyperline supplies has a solid bare copper core and 95% copper braided shielding. This is the best type of coax cable to use for CCTV and HD CCTV installations.

STANDARD COMPLIANCES

- NEC: 820
- UL Standard: UL 13 & UL444
- ANSI/SCTE: 74
- Flame Rating: UL 1666 (Riser), FT4
- RoHS: Compliant Directive 2011/65/EU

APPLICATIONS

- High-Definition Serial Digital Video, High-Resolution Analog Video, High-End Broadband Signal, Transmission for satellite use. Digital Audio (AES3id, SPDIF or Word Clock), CCTV/ Data/ Power, Security Baseband Video

CERTIFICATIONS

- NRTL programs : ETL Verified

PHYSICAL CHARACTERISTICS

Conductor	20 AWG Solid Bare Copper
Insulation	Nitrogen-Injected Foam Polyethylene Dielectric
Nominal Dielectric Diameter(in)	0.146
Dielectric Color	Natural
Braid	Copper-Clad Aluminum Alloyed, 95% Coverage
Jacket	PVC (Flame-Retardant, SUN RES & RoHS compliant)
Nominal Cable Diameter (In)	0.24
Minimum Bend Radius (In)	3.0
Maximum Pulling Force (lbs)	35
Temperature Rating	(°F) Installation +32 to + 140 (°F) Storage & Operation -4 to + 167
Marking	Per Hyperline Standard



FEATURES & BENEFITS

- Install Friendly
- Nitrogen-Injected Foam Polyethylene Dielectric reduces the high-frequency attenuation, while maintaining uniform cell structure, low return loss and exceptional crush resistance
- Flexible & Easy to Strip
- Meets or Exceeds NEC Standards
- Sunlight Resistant & RoHS compliant
- Legend marking for Rooms and Zones to save installation time
- E-Z footage marking with ascending and descending order
- Free from restricted metals and hazardous compounds.
- Combines indoor/outdoor applications into one product. Complies with the UL 1581 sunlight resistance requirement for outdoor installations

ELECTRICAL CHARACTERISTICS

Freq (MHz)	Nom Attenuation (dB/100')
55	7.55
500	24.42
750	19.06
800	31.60
1000	35.92
Return Loss	N/A
50-300MHz	≥20dB
300-1000MHz	≥18dB

Nom Capacitance (pF/1ft)	20 AWG Max DC Resistance (Ω/1M' @ 68 °F)	18 AWG Max DC Resistance (Ω/1M' @ 68 °F)	Characteristic Impedance Ohms Nom	Nom Velocity of Propagation (%)	Voltage Rating
16.5	10.5	11.44	75	84%	300 Volts

ORDERING

Part Number	Product Description
COAX-RG59-CU-SIAMESE-CMR-WH-305	RG59 Siamese Coax, Riser, 1000ft reel, White
COAX-RG59-CU-SIAMESE-CMR-BK-305	RG59 Siamese Coax, Riser, 1000ft reel, Black
COAX-RG59-CU-SIAMESE-CMR-WH-PD-500F	RG59 Siamese Coax, Riser, 500ft pull box, White
COAX-RG59-CU-SIAMESE-CMR-BK-PB-500F	RG59 Siamese Coax, Riser, 500ft pull box, Black



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