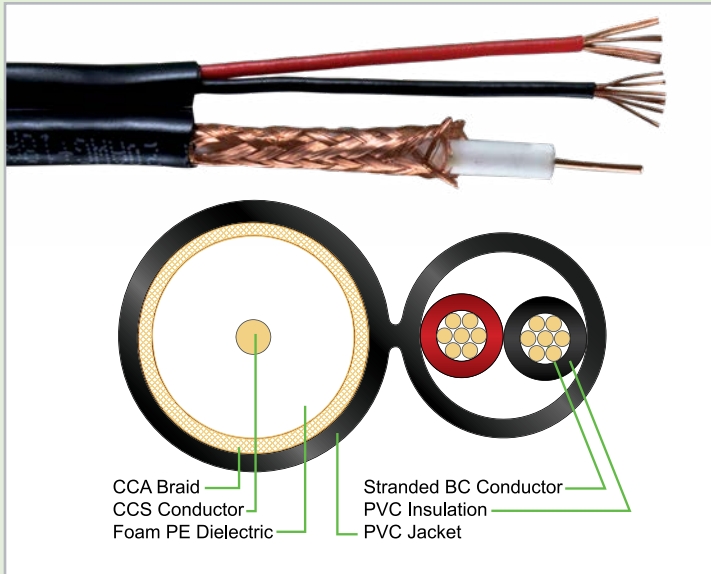


VGC™ RG-59 CCS Coax With 18/2 Siamese Cable



Applications

Vericom RG-59 CCS coax with 18/2 siamese cable is designed for indoor CCTV applications, providing both video and power in a single, convenient run. It is ideal for single-story commercial or residential installations.

Description / Specifications

This siamese cable features a 20 AWG CCS 75-ohm coaxial conductor with gas-injected foam PE insulation and 95% braid coverage for excellent signal protection and transmission. Alongside the coax are two 18 AWG, 7-strand power conductors, color-coded Black and Red for easy identification during installation.

All components are housed within a durable PVC jacket with an integrated separation web. The cable is sunlight-resistant, CM-rated for general use, and well-suited for commercial or residential installations in single-story environments.

Features & Benefits

- CM Rated jacket for single story residential or commercial indoor situations
- UL Listed and RoHS compliant to ensure safety requirements are met
- Siamese type configuration with separation web
- 20 AWG CCS RG-59 coax conductor for optimal signal transmission
- 95% Braid Coverage for optimal signal protection
- Unshielded 18 AWG stranded power cable rated 300V
- Reel-In-Box packaging to ease installation and storage

Standards Compliance

- UL Listed
- UL 444, UL 1681
- c(UL) Specification CM (General Purpose)
- Meets or Exceeds NEC Article 800
- RoHS Compliant

VGC™ RG-59 CCS Coax With 18/2 Siamese Cable

Ordering Information

Description	Packaging	Black	White
RG-59 CCS Coax With 18/2 Siamese Cable	500 ft Reel-In-Box	BCS59-01981	BCS59-01987

Cable Marking

VERICOM RG59 SIAMESE CABLE 20 AWG + 18 AWG / 2C 75°C 00/00 (UL) OR C(UL) E346149-T CM ROHS 000FT USED / 500FT REMAINING

RG-59 Construction

Conductor Material: 20 AWG Copper Clad Steel**Conductor Diameter:** 0.032 in. (0.81 mm)**Dielectric Material:** Foam Polyethylene (Foam PE)**Dielectric Diameter:** 0.14 in. (3.66 mm)**Braid Material:** Copper Clad Aluminum Braiding**Braid Coverage:** 95% Coverage**Jacket Material:** Polyvinyl Chloride (PVC)**Jacket Thickness:** 0.033 in. (0.85 mm)**Jacket Color:** Specified By Item Number**Jacket Diameter:** 0.24 in. (6.1 mm)

Power Wire Construction

Conductor Material: 18 AWG Stranded Bare Copper**No. of Conductors:** 2**No. of Strands Per Conductor:** 7**Insulation Material:** Polyvinyl Chloride (PVC)**Insulation Color Code:** Black, Red**Jacket Material:** Polyvinyl Chloride (PVC)**Jacket Thickness:** 0.019 in. (0.50 mm)**Jacket Color:** Specified By Item Number**Jacket Diameter:** 0.17 in. (4.40 mm)

Electrical

Characteristics	Coaxial Cable	Power Pair
Nominal Mutual Capacitance	16.7 Pf/ft	29.4 Pf/ft
Nominal Impedance	75 Ω	63 Ω D.C.
Nominal Conductor DC Resistance	10.15 Ω/1000ft@20°C	6.92 Ω/1000ft@68°F (Max.)
Shield DC Resistance	3.3 Ω/1000ft@68°F (Max.)	N/A
Voltage Rating	300V	300V

Coax Transmission Performance (at 20 °C)

Freq. (MHz)	IL Max. (dB/100ft)
1	0.40
10	0.86
50	1.91
100	2.78
200	4.06
400	6.01
700	8.47
900	9.82
1000	10.47