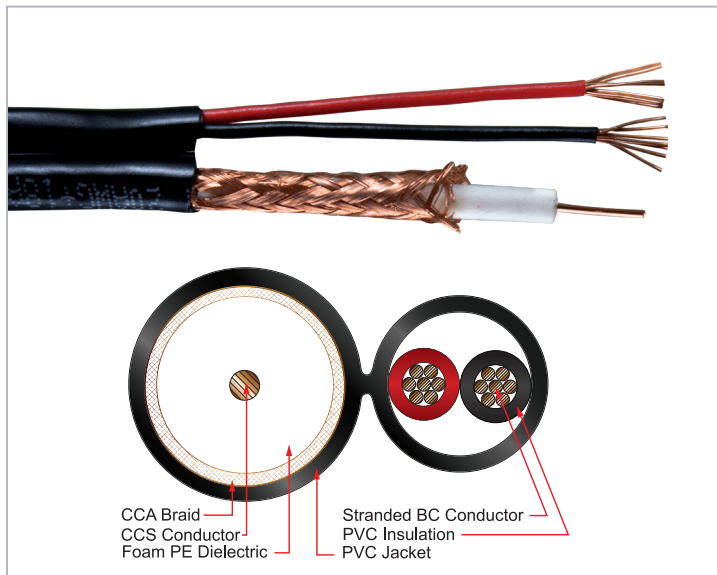




## RG-59 CCS Coax With 18/2 Siamese Cable



### Applications

Vericom RG-59 CCS coax with 18/2 siamese cable supports indoor applications for CCTV. This cable is ideal for single story commercial or residential environments.

### Description / Specifications

This siamese cable configuration is composed of a 20 AWG CCS 75 ohm coaxial cable conductor with a gas injected foam PE insulation with a 95% braid coverage for optimum signal protection and transmission, and two 18 AWG 7 stranded power cables, color coded (Black, Red) for ease of installation, inside a PVC jacket utilizing a separation web. Our siamese cables are sunlight resistant, rated CM for general use, and are perfect for commercial or residential installation in single story dwellings.

### 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 RG59 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



## RG-59 CCS Coax With 18/2 Siamese Cable

### Ordering Information

Description			Packaging
RG-59 CCS Coax With 18/2 Siamese Cable			500 ft Reel in Box
Item No. Prefix	Item No. Suffix	Color	Cable Weight
BCS59	-01981	Black	
	-01987	White	

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

### Cable Marking

### 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