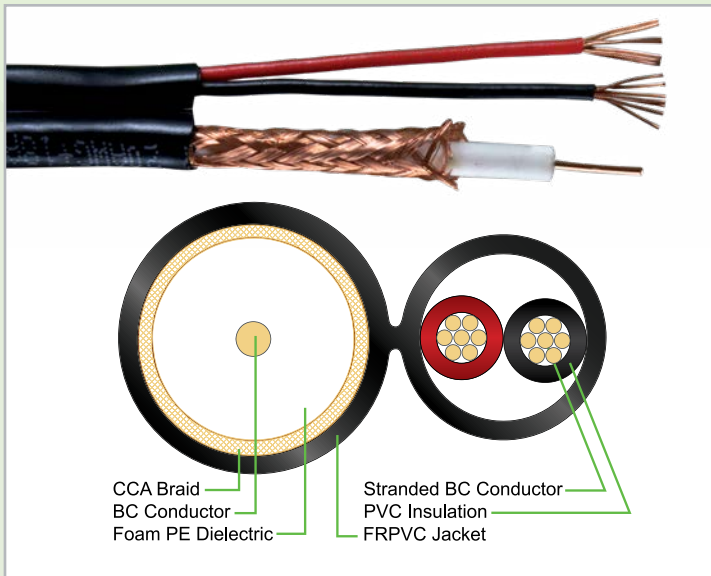


VGC™ RG-59 CU Coax With 18/2 Siamese Cable



Applications

Vericom RG-59 CU 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 in-wall multi-story commercial or residential installations.

Description / Specifications

This siamese cable features a 20 AWG Solid Copper 75-ohm coaxial conductor with gas-injected foam PE insulation and 90% 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 FRPVC jacket with an integrated separation web. The cable is CMR / CL2 rated.

Features & Benefits

- CMR /CL2 Rated jacket for multi-story residential or commercial in-wall situations
- UL Listed and RoHS compliant to ensure safety requirements are met
- Siamese type configuration with separation web
- 20 AWG CU RG-59 coax conductor for optimal signal transmission
- 90% Braid Coverage for optimal signal protection
- Unshielded 18 AWG stranded power cable
- Reel-In-Box packaging to ease installation and storage

Standards Compliance

- UL Listed
- c(UL) Listed
- CL2 Rated
- RoHS Compliant

Copper Systems

Bulk Wire



The Future Of Technology - Today.

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

Ordering Information

Description	Packaging	Item Number
RG-59 CU Coax With 18/2 Siamese Cable	500 ft Reel-In-Box	BCS59-03544

Cable Marking

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

RG-59 Construction

Conductor Material: 20 AWG Solid Bare Copper

Dielectric Material: Foam Polyethylene (Foam PE)

Dielectric Diameter: 0.14 in. (3.66 mm)

Braid Material: Copper Clad Aluminum Braiding

Braid Coverage: 90% Coverage

Jacket Material: Flame Resistant Polyvinyl Chloride (FRPVC)

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: Flame Resistant Polyvinyl Chloride (FRPVC)

Jacket Thickness: 0.019 in. (0.50 mm)

Jacket Color: Specified By Item Number

Jacket Diameter: 0.17 in. (4.40 mm)

Electrical

Characteristics	
Nominal Capacitance	55 pF/m
Nominal Impedance	75 Ω
Nominal Velocity of Propagation	82%
SRL (5-1000 MHz)	≥20 dB

Coax Transmission Performance (at 20 °C)

Freq. (MHz)	IL Max. (dB/100ft)
1	0.30
10	0.86
50	1.91
100	2.78
200	4.06
400	6.01
700	8.47
900	9.82
1000	10.47