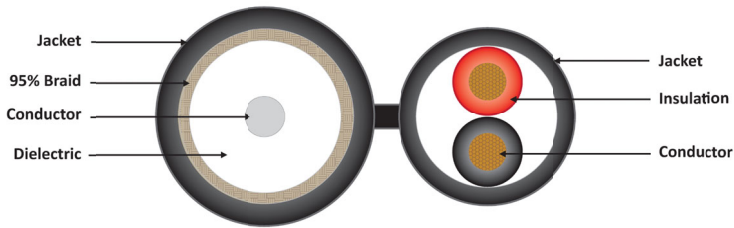


# RG59 CCS + 18/2 BC Siamese Riser (CMR) Coaxial Cable

## Cable Detail



## Approval



## Applicable Standards

- CCTV Combo Siamese Cable RG59 + 18/2 Power Cable
- Reference Standard  
NEC ARTICLE 800, UL444

## Physical Characteristics

Coax RG59		
Conductor	Solid	Copper Clad Steel
AWG		20
Diameter	(mm)	0.813
Insulation Material		Foam PE
Concentricity	(%)	90
Insulation Diameter	(mm)	3.66
Braid Shield		C. C. A.
Construction	(mm)	8*16*0.12mm
Coverage Area	(%)	95
Power 18/2		
Conductor	Stranded	Bare Copper
AWG		18
Number of Conductor		2
Construction	(mm)	7*0.38mm
Insulation Material		PE
Jacket Material		PVC
Nominal Thickness	(mm)	0.64
Min. Thickness	(mm)	0.51
Cable Diameter	(mm)	6.10
Nominal Weight	1000 ft.	45 lbs.

## Electrical Characteristics

Dielectric Strength	≥ 2.5 (kV/min)
Impedance	75 (± 3.0 Ohms)
SRL (dB, 5~1000MHz)	≥ 20
SRL (dB, 1000~3000MHz)	≥ 15
Capacitance	± 3 16.3 (pF/ft.)
Conductor DCR@20°C	≤ 48.6 (ohms/1000ft)
Velocity of Propagation	≥ 83 (%)

## Electrical Performance

Frequency (MHz)	Attenuation (dB/100FT)	Frequency (MHz)	Attenuation (dB/100FT)
50	1.90	700	7.00
200	3.00	900	8.00
400	17.42	1000	8.50

## Cable Marking

RG59/U 95% 2C 18AWG CMR FT4 XXXXXXXX VERIFIED TO C(ETL)US \*\*\*\*FT 1000FT.....0998FT.....0996FT.....0002FT

Part Numbers	Jacket Color	Package
H59+182JRXX2-SM	Black, White	1000ft / Reel
H59+182JRXX3-500SM	Black, White	500ft / RIB