



# Hangzhou Risingsun Cable Co., Ltd

## Applications:

Low-power video and RF signal connections Indoor CATV, CCTV system  
Siamese cables give you the power to centralize your video and power distribution for your CCTV systems, and allows for more flexible placement of your security cameras.

**RG59+2C 18AWG**

**CCTV CABLE**

| Construction:          | Material                  | Diameter(mm) |
|------------------------|---------------------------|--------------|
| Conductor              | Bare Copper               | 0.81         |
| Insulation             | Foam Polyethylene         | 3.66         |
| 1 <sup>st</sup> Shield | 95% Coverage CCA Braiding | /            |
| Jacket                 | PVC                       | 6.0          |
| Power Wire Conductor   | Stranded CCA              | 2×7×0.37     |
| Power Wire Insulation  | PE(Red/Black)             | 1.90         |
| Jacket                 | PVC                       | 5.30         |

## Electrical Characteristics:

|                                  |           |
|----------------------------------|-----------|
| Capacitance(pF/m)                | 52±2      |
| Impedance(Ω)                     | 75±3      |
| Velocity of Propagation(%)       | 85        |
| Retrun Loss(dB)                  | ≥20       |
| Inner Conductor Resistance(Ω/km) | 35.73     |
| Spark Test(VAC)                  | 3000      |
| Operating Temp Range(°C)         | -20 to 70 |

## Attenuation ( 20 °C )

| Frequency(Mhz) | Max Attenuation(dB/100ft) | Max Attenuation(dB/100m) |
|----------------|---------------------------|--------------------------|
| 1              | 0.45                      | 1.48                     |
| 10             | 0.90                      | 2.95                     |
| 50             | 1.90                      | 6.23                     |
| 100            | 3.20                      | 10.49                    |
| 200            | 4.00                      | 13.11                    |
| 400            | 4.90                      | 16.07                    |
| 700            | 8.60                      | 28.20                    |
| 900            | 9.80                      | 32.13                    |
| 1000           | 10.70                     | 35.08                    |

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