



## RG59 + 18-02c Siamese

Part Number	Conductor Size	Conductor Diameter	Dielectric Diameter	Cable Diameter	DCR*	Shield DCR*	Impedance	Capacitance	Velocity of Propagation	Weight
	AWG	inches	inches	inches	$\Omega$ /km	$\Omega$ /km	Ohm	pF/ft.	%	lbs./kft
RG59/18-2	20	0.032	0.144	0.235	32.8	8.6	75	16.3	85	64

Power	Size	No. of Conductors	Conductor Stranding	Insulation Diameter
	AWG			inches
18-02c	18	2	7	0.071

Conductor Type	Insulation Material	Shield Type & Coverage
BC	Gas Injected PE	95% Bare CU Braid

All values are nominal and subject to correction

\*Maximum resistance at 68°F/20°C

**Application:** RG59 + 18-02c Siamese Cables are suitable for use in RF signal transmission in CCTV applications and are intended for use in security camera applications for both signal and power.

**Conductors:** BC – Bare Copper Conductor, per ASTM B3, B258

**Dielectric:** Gas expanded polyethylene (PE)

**Jacket:** Siamese configuration with a common overall PVC jacket.

**Standards:** UL 444 CM  
NEC CM, CATV, CCTV

Attenuation	
Frequency	Max @68°F / 20°C
MHz	dB/100 ft.
10	0.86
100	2.78
400	6.01
700	8.47
900	9.82
1000	10.47

**1-800-945-5542**

© Priority Wire & Cable, Little Rock, AR PWC-Jun 2024