

CCTV Cable



Construction data

Cable code		RG59 B/U	RG59 MINI	RG59+2C	
				A	B
Inner conductor	material	CCS	CCS	CCS	BC
	Conductivity %	30 to 40	40		
	dia. mm	0.58	0.41	0.58	24 x 0.20
Dielectric	material	SPE	FPE	SPE	PVC
	dia. mm	3.70	1.9	3.70	2.0
Screen:					
Film foil type	material		Al-PET-Al		Chalk
Foil coverage	%		≥ 125		—
Braid material	material	BC	TC	BC	
Braid coverage	%	80 to 90	>70	>84	
Sheath	material	PVC	PVC	PVC	
	dia. mm	6.15	3.6	6.10	
Outer sheath	material			PVC	
	dia. mm			10.3	

Electrical data

Impedance	Ohm	75 ± 3	75 ± 3	75 ± 3	
Capacitance	pF/m	< 70	< 60	<70	
Velocity ratio	%	66	82	66	
Attenuation (at 20°C)					
at 50 MHz	dB/100m	8.5	12.5	8.5	
at 100 MHz	dB/100m	11.8	16.7	11.8	
at 200 MHz	dB/100m	16.5	22.5	16.5	
at 450 MHz	dB/100m	26.00	33.1	26.0	
at 800 MHz	dB/100m	35.80	44.75	35.8	
at 860 MHz	dB/100m	37.20	46.64	37.2	
at 1000 MHz	dB/100m	39.50	50.50	39.5	
Inner conductor resistance	Ohm/km	235	359.1	235	<24.6