

RG-59, RG-6 and RG-11 Coaxial Cables for CCTV & Video

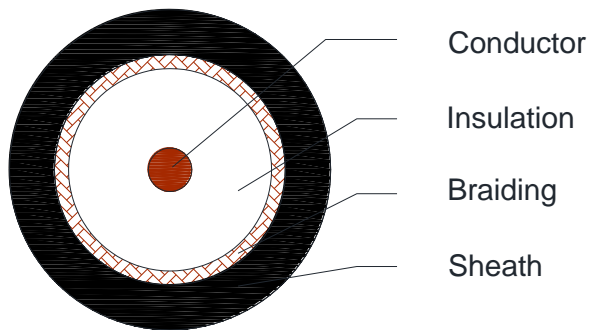


C4585, C4586, C4587

Applications

CCTV and Video

Cross Section Drawing



Design

Unit	Properties
Conductor	Solid Bare Copper (BC)
Dielectric	Foamed Polyethylene
Braid	Al wire
Sheath	Polyvinyl Chloride (PVC) Standard Colour: Black
Standard Put Up Length	305 or 500 metres

*Other Colors, Put Up Lengths and structures can be manufactured upon request, please contact your local B3 International sales representative.

RG-59, RG-6 and RG-11 Coaxial Cables for CCTV & Video



C4585, C4586, C4587

Physical Characteristics

Coax Cables for CCTV and Video	RG-59	RG-6	RG-11
Part Number	C4585	C4586	C4587
Nom. Diameter Conductor(mm)	0.81	1.02	1.63
Nom. Diameter Dielectric	3.71	4.60	7.11
Coverage Braid (%)	95	95	90
Nom. Overall Diameter(mm)	6.0	6.8	10.0
Operating Temperature (°C)	-25 to +75		
Max. Recommended Pulling Tension (N)	220	310	640
Min. Bend Radius (install)(mm)	60	68	100
Nominal Cable Weight (kg/km)	47.12	55.5	115.9

Electrical Characteristics at 20°C

Coax Cables for CCTV and Video	RG-59	RG-6	RG-11
Part Number	C4585	C4586	C4587
Impedance(Ohm)	75 ± 3		
Max. DC Resistance Conductor (Ω/km)	33.5	21.5	8.8
Max. DC Resistance Screen (Ω/km)	10.1	10.8	6.5
Nominal Capacitance (pF/m)	53.5	53.5	52.8
Nominal Inductance (μH/m)	0.32		
Velocity of Propagation (%)	83	83	84
Nominal Time Delay (ns/m)	3.97		
Min. Return Loss at 1GHz (dB)	20		
Max. Attenuation in dB/100m	26.54	21.46	13.88

Reference Standards

(BS) EN 50290-2	IEC 61196
(BS) EN 50117	RoHS directives