

Composite RG-6 with 2 × 2.0mm² Power Cable Coaxial Cables for CCTV & Video

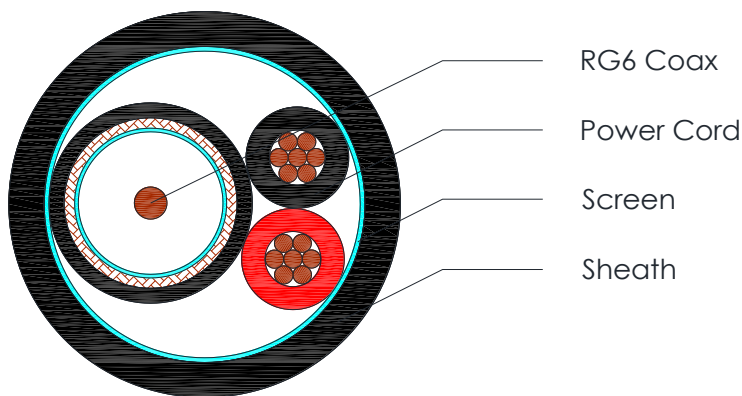


C14013

Applications

CCTV and Video

Cross Section Drawing



Design

Unit		Properties
Coax	Conductor	Solid Bare Copper
	Dielectric	Foamed Polyethylene
	Screen	Al/PET/Al Tape bonded
	Braid	Bare Copper wire
	Sheath	Polyvinyl Chloride (PVC) Standard Colour: Black
Power Cord	Conductor	Stranded Bare Copper
	Insulation	Polyvinyl Chloride (PVC) Color: Black and Red
	Screen	Al/PET/Al Tape
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.

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Physical Characteristics

Part Number	C14013	
Component	coax	Power Cords
Number of Cores	1	2 × 2.0mm ²
Nom. Diameter Conductor(mm)	1.02	7 × 0.60
Nom. Diameter Dielectric	4.60	3.0
Coverage Braid (%)	90	-
Nom. Inner Sheath Diameter (mm)	6.80	-
Nom. Overall Diameter(mm)	7.80	
Operating Temperature (°C)	-15 to 75	

Electrical Characteristics at 20°C

Part Number	C14013
Impedance(Ohm)	75 ± 3
Max. DC Resistance Conductor (Ω/km)	21.5
Nominal Capacitance (pF/m)	52
Velocity of Propagation (%)	85

Nominal Attenuation in dB/100m

MHz	5	55	100	211	500	750	870	1000
Value	1.90	4.92	6.56	9.41	14.79	18.43	19.98	21.45
MHz	1450	1750	1850	2000	2250	2500	2700	3000
Value	25.88	28.67	29.49	30.64	32.50	34.24	35.59	37.52

Reference Standards

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