

RG-6 Copper Foil 75ohms Coaxial Cable

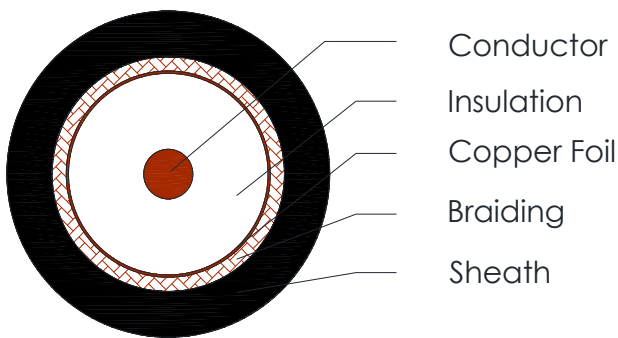


C4317

Applications

Used for Television, satellite television, cable modems and closed-circuit Television.

Cross Section Drawing



Design

Unit	Properties
Conductor	Solid Bare Copper Wire
Dielectric	Foamed Polyethylene
Screen	Copper foil 100% coverage
Braid	Bare Copper Wire
Sheath	Polyvinyl Chloride (PVC) Standard colour: Black
Standard Put Up Length	305metres

*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	C4317
Nom. Diameter Conductor(mm)	1.02
Nom. Diameter Dielectric	4.60
Coverage Braid (%)	60
Nom. Overall Diameter(mm)	6.8
Operating Temperature (°C)	-25 to +75

Electrical Characteristics at 20°C

Part Number	C4317
Impedance(Ohm)	75 ± 3
Max. DC Resistance Conductor (Ω/km)	21.5
Nominal Capacitance (pF/m)	53
Velocity of Propagation (%)	82
Min. Return Loss 5 to 1000 MHz (dB)	23
Min. Return Loss 1250 to 2400 MHz (dB)	18
Dielectric Strength (Vac)	1000
Min. Insulation Resistance (MOhms*km)	10000

Nominal Attenuation in dB/100m

MHz	5	50	100	200	300	400	700	800	870	1000	1250	1750	2150	2400
RG-6	1.71	4.57	6.40	9.16	11.9	13.4	17.7	18.0	19.9	21.4	26.6	29.3	32.8	35.7

Reference Standards

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