

RG-6 Coaxial Cables

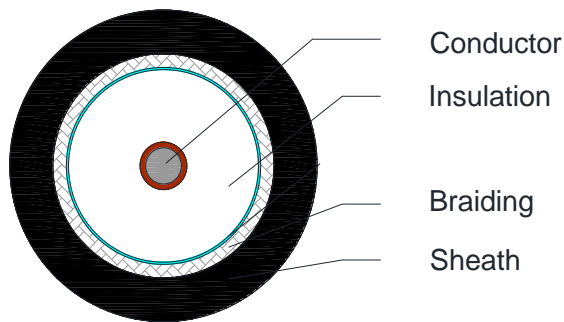


C4592

Applications

Video and Digital Communication.

Cross Section Drawing



Design

Unit	Properties
Conductor	Solid Bare Copper Conductor
Dielectric	Foamed Polyethylene
Braid	Copper Wire
Sheath	Polyvinyl Chloride (PVC) Standard colour: Black or White
Standard Put Up Length	500metres, 305metres or 100metres

*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 for PVC	C4592
Nom. Diameter Conductor(mm)	1.00
Nom. Diameter Dielectric	4.50
Coverage Braid (%)	55
Nom. Overall Diameter(mm)	6.25
Operating Temperature (°C)	-25 to +75
Max. Recommended Pulling Tension (N)	560
Min. Bend Radius (install)(mm)	66
Nominal Cable Weight (kg/km)	41.32

Electrical Characteristics at 20°C

Part Number	C4592
Impedance(Ohm)	75 ± 3
Max. DC Resistance Conductor (Ω/km)	230
Max. DC Resistance Screen (Ω/km)	370
Nominal Capacitance (pF/m)	56
Velocity of Propagation (%)	80

Nominal Attenuation in dB/100m

MHz	50	100	200	400	700	900	1000
RG-6	7	9	12	17	22	25	26.5

Reference Standards

(BS) EN 50290-2	RoHS directives
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