

CXT-1 17 VAlC Coaxial Cable

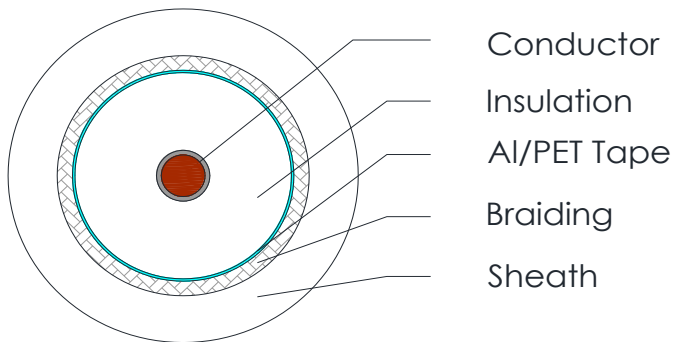


C4196

Applications

RG6 Type Coaxial cable for UHF and 4G applications.

Cross Section Drawing



Design

Unit	Properties
Conductor	Solid Copper Clad Steel (CCS)
Dielectric	Polyethylene (PE)
Screen	Aluminium/ Polyester foil 100% coverage
Braid	Aluminium Wire
Sheath	Polyvinyl Chloride (PVC) Standard colour: White
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.

CXT-I

I 7 VA/C Coaxial Cable



C4196

Physical Characteristics

Part Number	C4196
Nom. Diameter Conductor(mm)	1.13
Nom. Diameter Dielectric	4.70
Braiding construction(mm)	16×8×0.12
Coverage Braid (%)	77
Nom. Overall Diameter(mm)	6.7
Operating Temperature (°C)	-25 to +75
Min. Bend Radius (install)(mm)	33

Electrical Characteristics at 20°C

Part Number	C4196
Impedance(Ohm)	75 ± 3
Max. DC Resistance Conductor (Ω/km)	120
Max. DC Resistance Screen (Ω/km)	30
Nominal Capacitance (pF/m)	54
Min. Screening attenuation (5-1000MHz) (dB)	85
Min. Screening attenuation (1000-2000MHz) (dB)	75
Min. Screening attenuation (2000-3000MHz) (dB)	65
Max. Transfer Impedance (5-30MHz) (MΩ/m)	5
Velocity ratio (%)	82

Nominal Attenuation in dB/100m

MHz	5	47	90	200	500	800	1000	1350	1750	2050	2300
Value	3.0	5.0	6.0	9.0	15.0	17.0	23.0	27.0	32.0	35.0	37.0

Reference Standards

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