

T100 16 PA/C Coaxial Cable

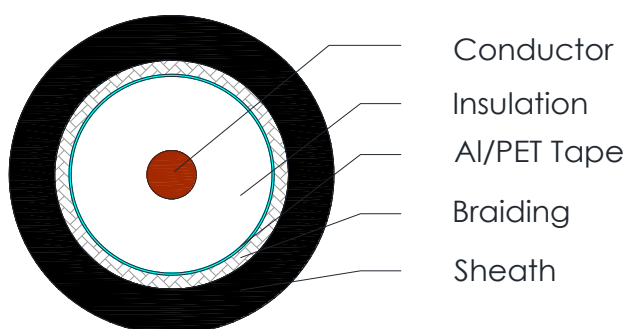


C5369

Applications

CATV and SMATV including digital and Satellite TV in outdoor applications.

Cross Section Drawing



Design

Unit	Properties
Conductor	Solid Plain Copper
Dielectric	Polyethylene (PE)
Screen	Aluminium/ Polyester/Aluminium foil 100% coverage
Braid	Aluminium Wire
Sheath	Polyethylene (PE) 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	C5369
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)	6.6
Operating Temperature (°C)	-10 to +60
Min. Bend Radius (install)(mm)	33

Electrical Characteristics at 20°C

Part Number	C5369
Impedance(Ohm)	75 ± 3
Max. DC Resistance Conductor (Ω/km)	20
Max. DC Resistance Screen (Ω/km)	27
Nominal Capacitance (pF/m)	52
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 (%)	85

Nominal Attenuation in dB/100m

MHz	5	47	90	200	500	800	1000	1350	1750	2050	2300
Value	1.0	4.0	5.0	8.0	13.0	16.0	19.0	22.0	25.0	28.0	30.0

Reference Standards

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