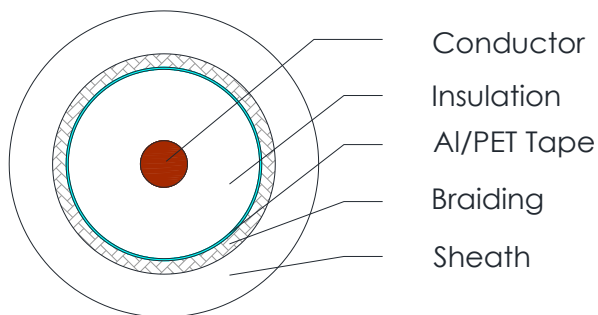


CI 368

Applications

Coaxial 7000 Type is intended to be terminated in Connectors Coaxial No.54 and 43 as detailed in British Telecommunications plc (BT) Specifications RC9333 and RC8003 respectively.

Cross Section Drawing



Design

Unit	Properties
Conductor	Solid Bare Copper
Dielectric	Foamed Polyethylene
Screen	Bonded Aluminium/ Polyester foil 100% coverage
Braid	Aluminium Wire
Sheath	Haologen Free Flame Retardancy (HFFR) 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.

C1368

Physical Characteristics

Part Number	C1368
Nom. Diameter Conductor(mm)	0.61
Nom. Diameter Dielectric	2.80
Coverage Braid (%)	60
Nom. Overall Diameter(mm)	4.5
Operating Temperature (°C)	-20 to +75
Min. Bend Radius (install)(mm)	45
Max. Strip Force over Centre Conductor @ 30mm(N)	13
Max. Strip Force over Dielectric @ 30mm (N)	12
Strip Force over Sheath @ 30mm (N)	5 ≤ F ≤ 15

Electrical Characteristics at 20°C

Part Number	C1368
Impedance(Ohm)	75 ± 3
Max. DC Resistance Conductor (Ω/km)	61
Dielectric Voltage (KV)	1.5 RMS or 2.3 DC
Max. Attenuation at 5MHz (dB/100m)	2.6
Max. Attenuation at 60MHz (dB/100m)	9.0

Reference Standards

(BS) EN 50290-2	IEC 61034-1&-2
(BS) EN 50117	IEC 60754-1&-2
RoHS directives	