

HT100 COAX CABLE

Technical Information



Ultima HT100 is a high quality 75 Ohm coaxial cable (CT100 equivalent) with a 1.00mm bare copper inner conductor, foam PE insulation, aluminium foil wrap, tinned copper braid and a UV stable PVC outer sheath

♦ CAI approval no.: CAI 0121 D

Construction

Central Conductor Dia.	Insulation Type	Insulation Diameter	Screen	Braid	Sheath Material	Sheath Diameter
1.00 ± 0.02mm	Foam PE	4.57mm	Aluminium Foil & Tinned Copper Wires	16 x 5 x 0.12mm	PVC	6.55 ± 0.3mm

Key Electrical Characteristics

Characteristic Impedance Ω	DC Resistance Ω/km	Capacitance pF/m	NVP %
75 ± 3	Inner <26, Outer <15	53.2	82

Performance

Frequency (MHz)	Attenuation (Max.) (dB/100m)
5	1.6
50	4.6
100	6.5
200	9.5
460	15.0
860	19.5
1000	21.5
1750	29.0
2150	32.5

Frequency (MHz)	Return Loss (dB)	Screening Attenuation
30-300	23	>85
300-470	23	>80
470-1000	20	>75
1000-2150	18	>65

Mechanical

Bending Radius	Flexing Radius	CPR Euroclass
40mm	75mm	Eca



Part Numbers

Item	Description	Impedance	Sheath	Length	Colour
822206	HT100 Coax Cable	75 Ohm	PVC	100Mtr	Black
822207	HT100 Coax Cable	75 Ohm	PVC	250Mtr	Black
822209	HT100 Coax Cable	75 Ohm	PVC	250Mtr	White