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C100 Premium Coax

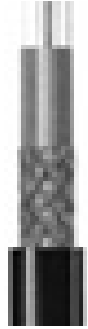
Application

75 Ohm Satellite Coaxial LSOH Jacket

Manufactured to BS EN 50117-1:2002

LSOH Sheath meets:

IEC60332-1 (Flame Propagation) IEC60754 (Halogen Free) IEC61034 (Smoke Emissions)



Construction

Conductor	Bare Copper
Size	1/1.00mm
Dielectric	Gas Injected PE (4.65mm)
Screening	Copper coloured Alu foil tape
Screening	2.4% Cca Wire Braid
Sheath Options	LSOH – Nominal 6.55mm Black

Characteristics

Velocity Ratio	80%		
Conductor DC Resistance	23.7 Ohm / km		
Outer Conductor resistance	43.4 Ohm / km		
Rated Voltage	300 Volt	Rated Temp	80 Deg C
Nominal Capacitance	<52.5 pf/M		
Nominal impedance	75 Ohm		

**Unit 5, Wycombe Logistics Centre, Lincoln Road,
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**Unit 16, Cockridden Farm Industrial Estate,
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**Attenuation
@20 deg C (dB/100M)**

5MHz	1.6
50MHz	4.6
100MHz	6.5
200MHz	9.5
460MHz	15.0
860MHz	19.5
1000MHz	21.5
1700MHz	29.0
2150MHz	32.5

**Return Loss
dB (+/-10%)**

5MHz – 30MHz	>23
30MHz – 470MHz	>23
470MHz – 862MHz	>20
862MHz – 2150MHz	>18

Statement of Conformance

It is hereby certified that any goods supplied that reference those above, conform to this specification unless otherwise noted.

I. Loades Director



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