



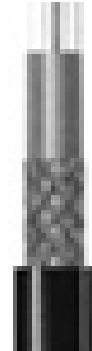
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## C100 Premium Coax

### 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]

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	<52.5pf/M		
Nominal impedance	75 Ohm		

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### Attenuation / Return Loss

#### Attenuation

@20°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

#### LSZH Sheath meets:

IEC60332-1 [Flame Propagation]

IEC60754 [Halogen Free]

IEC61034 [Smoke Emissions]

#### Statement of Conformance

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

I. Ioades Director

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