

LBC600

Low Loss Coaxial Cable



MATERIAL SPECIFICATION

Inner Conductor	Solid Copper Clad Aluminium (4.47mm)
Dielectric	Physical Foam Polyethylene (11.56mm)
First Shield	Bonded Aluminium Foil (11.71mm)
Second Shield	Tinned Copper (12.50mm)
Jacket	Black Polyethylene (14.99mm)

ELECTRICAL SPECIFICATION

Impedance	50 Ohms
Max. Frequency	6 GHz
Capacitance	77.0 pF/m
Velocity of Propagation	85%
Voltage Withstanding	4000V RMS Maximum

MECHANICAL & ENVIRONMENTAL SPECIFICATION

Bending Radius (static)	38mm
Bending Radius (flexing)	152mm
Weight	210 gms/m
RoHS Compliant	Yes
Temperature Range	-30 to +75 degrees C

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FREQUENCY	ATTENUATION (per 100m)	AVERAGE POWER (kW)
150 MHz	3.28 dB	2.41
220 MHz	3.94 dB	1.97
450 MHz	5.58 dB	1.35
900 MHz	8.20 dB	0.93
1500 MHz	10.83 dB	0.70
1800 MHz	12.14 dB	0.63
2000 MHz	12.79 dB	0.59
2500 MHz	14.44 dB	0.52
3000 MHz	15.75 dB	0.41
5800 MHz	23.95 dB	0.32

