

LBC240XF

Low Loss Extraflex Coaxial Cable



MATERIAL SPECIFICATION

Inner Conductor	Stranded Bare Copper (1.42mm)
Dielectric	Physical Foam Polyethylene (3.81mm)
First Shield	Bonded Aluminium Foil (3.94mm)
Second Shield	Tinned Copper (4.52mm)
Jacket	TPE (6.10mm)

ELECTRICAL SPECIFICATION

Impedance	50 Ohms
Max. Frequency	11 GHz
Capacitance	79.4 pF/m
Velocity of Propagation	84%
Voltage Withstanding	1500V RMS Maximum

MECHANICAL & ENVIRONMENTAL SPECIFICATION

Bending Radius (static)	19mm
Bending Radius (flexing)	54mm
Weight	50 gms/m
RoHS Compliant	Yes
Temperature Range	-40 to +85 degrees C

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FREQUENCY	ATTENUATION (per 100m)	AVERAGE POWER (kW)
150 MHz	11.90 dB	0.55
220 MHz	14.40 dB	0.45
450 MHz	20.80 dB	0.31
900 MHz	29.80 dB	0.22
1500 MHz	38.90 dB	0.17
1800 MHz	42.80 dB	0.15
2000 MHz	45.20 dB	0.14
2500 MHz	50.90 dB	0.13
3000 MHz	55.70 dB	0.11
5800 MHz	80.10 dB	0.08

