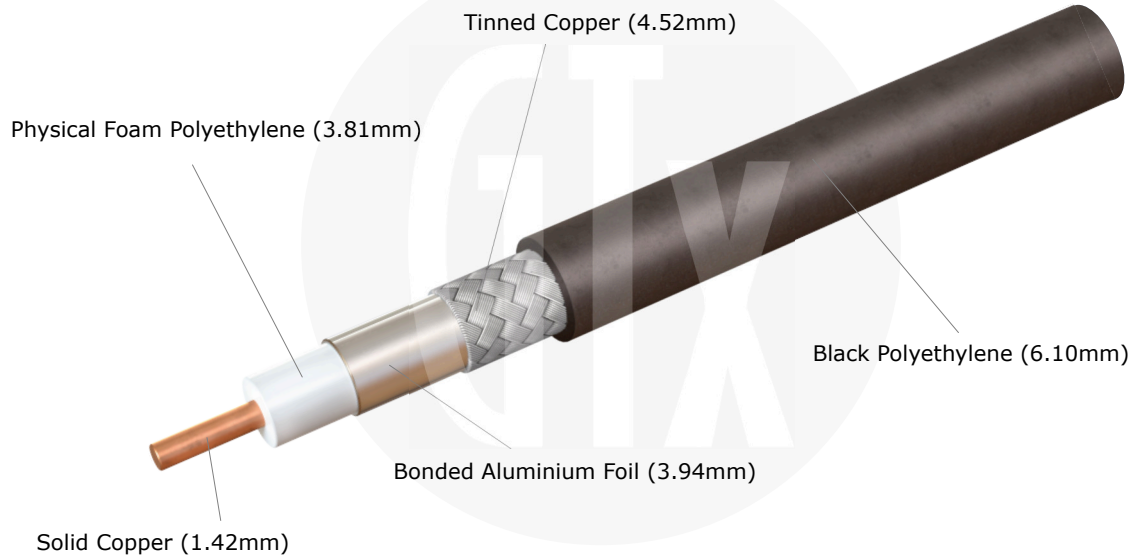


# LBC240

## Low Loss Coaxial Cable



### MATERIAL SPECIFICATION

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

### ELECTRICAL SPECIFICATION

Impedance	50 Ohms
Max. Frequency	11 GHz
Capacitance	77.5 pF/m
Velocity of Propagation	84%
Voltage Withstanding	1500V RMS Maximum

### MECHANICAL & ENVIRONMENTAL SPECIFICATION

Bending Radius (static)	19mm
Bending Radius (flexing)	63.5mm
Weight	50 gms/m
RoHS Compliant	Yes
Temperature Range	-40 to +85 degrees C

# LBC240

## Low Loss Coaxial Cable

FREQUENCY	ATTENUATION (per 100m)	AVERAGE POWER (kW)
150 MHz	9.90 dB	0.66
220 MHz	12.00 dB	0.54
450 MHz	17.30 dB	0.38
900 MHz	24.80 dB	0.26
1500 MHz	32.40 dB	0.20
1800 MHz	35.60 dB	0.18
2000 MHz	37.70 dB	0.17
2500 MHz	42.40 dB	0.15
3000 MHz	46.50 dB	0.13
5800 MHz	66.80 dB	0.10

