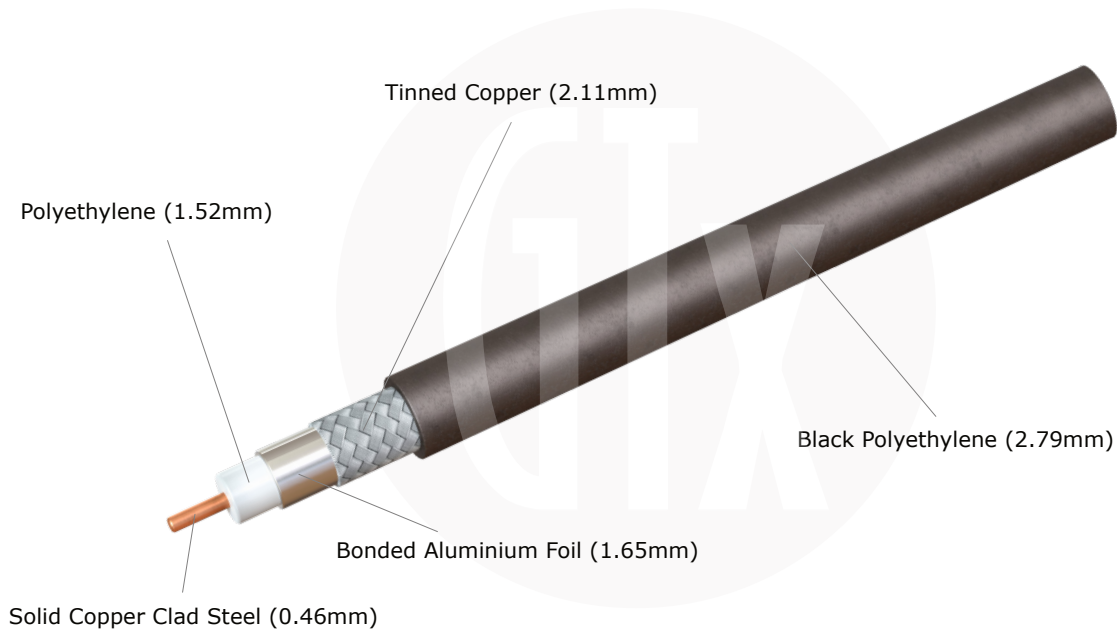


LBC100

Low Loss Coaxial Cable



MATERIAL SPECIFICATION

Inner Conductor	Solid Copper Clad Steel (0.46mm)
Dielectric	Polyethylene (1.52mm)
First Shield	Bonded Aluminium Foil (1.65mm)
Second Shield	Tinned Copper (2.11mm)
Jacket	Black Polyethylene (2.79mm)

ELECTRICAL SPECIFICATION

Impedance	50 Ohms
Max. Frequency	6 GHz
Capacitance	101 pF/m
Velocity of Propagation	66%
Voltage Withstanding	500V RMS Maximum

MECHANICAL & ENVIRONMENTAL SPECIFICATION

Bending Radius (static)	6.4mm
Bending Radius (flexing)	25.4mm
Weight	14 gms/m
RoHS Compliant	Yes
Temperature Range	-40 to +85 degrees C

LBC100

Low Loss Coaxial Cable

FREQUENCY	ATTENUATION (per 100m)	AVERAGE POWER (kW)
150 MHz	29.40 dB	0.100
220 MHz	35.80 dB	0.083
450 MHz	51.90 dB	0.057
900 MHz	74.90 dB	0.039
1500 MHz	98.70 dB	0.029
1800 MHz	109.00 dB	0.027
2000 MHz	115.50 dB	0.025
2500 MHz	130.60 dB	0.022
3000 MHz	143.80 dB	0.020
5800 MHz	210.30 dB	0.013

