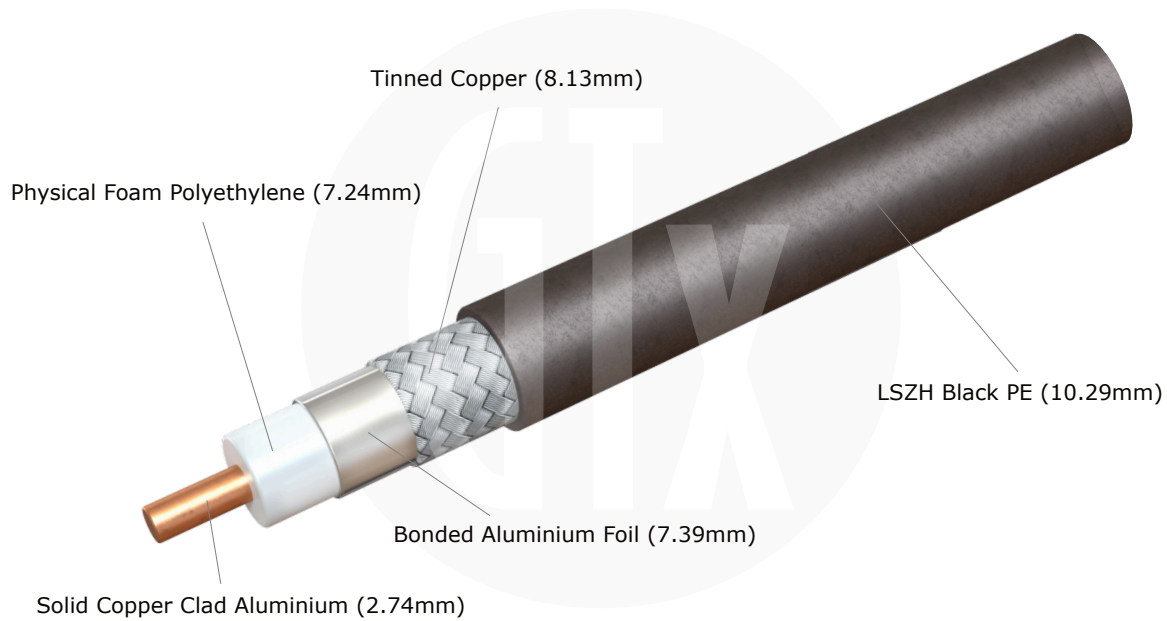


LBC400LSZH

Low Smoke Zero Halogen Low Loss Coaxial Cable



MATERIAL SPECIFICATION

Inner Conductor	Solid Copper Clad Aluminium (2.74mm)
Dielectric	Physical Foam Polyethylene (7.24mm)
First Shield	Bonded Aluminium Foil (7.39mm)
Second Shield	Tinned Copper (8.13mm)
Jacket	LSZH Black PE (10.29mm)

ELECTRICAL SPECIFICATION

Impedance	50 Ohms
Max. Frequency	11 GHz
Capacitance	78.0 pF/m
Velocity of Propagation	85%
Voltage Withstanding	2500V RMS Maximum

MECHANICAL & ENVIRONMENTAL SPECIFICATION

Bending Radius (static)	25mm
Bending Radius (flexing)	102mm
Weight	104 gms/m
RoHS Compliant	Yes
Temperature Range	-40 to +85 degrees C
UV Rating	UL1581:1200

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Low Smoke Zero Halogen Low Loss Coaxial Cable

FREQUENCY	ATTENUATION (per 100m)	AVERAGE POWER (kW)
150 MHz	5.00 dB	1.47
220 MHz	6.10 dB	1.20
450 MHz	8.90 dB	0.83
900 MHz	12.80 dB	0.58
1500 MHz	16.80 dB	0.44
1800 MHz	18.60 dB	0.40
2000 MHz	19.60 dB	0.37
2500 MHz	22.20 dB	0.33
3000 MHz	24.80 dB	0.28
5800 MHz	35.50 dB	0.21

