

# LBC195LSZH

## Low Smoke Zero Halogen Low Loss Coaxial Cable



### MATERIAL SPECIFICATION

Inner Conductor	Solid Copper (0.94mm)
Dielectric	Physical Foam Polyethylene (2.79mm)
First Shield	Bonded Aluminium Foil (2.95mm)
Second Shield	Tinned Copper (3.35mm)
Jacket	LSZH Black PE (4.95mm)

### ELECTRICAL SPECIFICATION

Impedance	50 Ohms
Max. Frequency	11 GHz
Capacitance	83.0 pF/m
Velocity of Propagation	80%
Voltage Withstanding	1000V RMS Maximum

### MECHANICAL & ENVIRONMENTAL SPECIFICATION

Bending Radius (static)	15mm
Bending Radius (flexing)	50mm
Weight	36 gms/m
RoHS Compliant	Yes
Temperature Range	-40 to +85 degrees C
UV Rating	UL1581:1200

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FREQUENCY	ATTENUATION (per 100m)	AVERAGE POWER (kW)
150 MHz	14.60 dB	0.39
220 MHz	17.70 dB	0.32
450 MHz	25.50 dB	0.22
900 MHz	36.50 dB	0.16
1500 MHz	47.70 dB	0.12
1800 MHz	52.50 dB	0.11
2000 MHz	55.40 dB	0.10
2500 MHz	62.40 dB	0.09
3000 MHz	68.30 dB	0.08
5800 MHz	98.10 dB	0.06

