



Unit 2 Eldon Road
Industrial Estate,
Beeston,
Nottingham,
NG9 6DZ

0115 968 3540
sales@ksm.co.uk
www.ksm.co.uk

Cable Specification

C07-L010001xx/BK – L100 Low Loss 50ohm Coaxial Cable

Cable for use with RF connections, short antenna feed runs and jumper assemblies.



Image is for reference only. ©KSM Ltd

Construction

Conductor

Material: Copper Clad Steel
Construction: 1/0.46mm

Dielectric

Material: Solid Polyethylene
Diameter: 1.52mm

Foil Screen

Material: Bonded Aluminium Polyester
Foil Tape

Braid Screen

Material: Tinned Copper

Sheath

Material: Polyethylene
or
Low Smoke Zero Halogen
Diameter: 2.79mm

Mechanical Characteristics

Operating Temperature (°C): -40 to +80
Min. Installation Temperature (°C): -5

Electrical Characteristics at 20°C

Characteristic Impedance (Ω):	50±3
Capacitance (pF/m):	101.1
Velocity Ratio (%):	66
Attenuation (dB/100m):	
150MHz	24.9
220MHz	35.8
450MHz	51.9
900MHz	74.9
1500MHz	98.7
1800MHz	109.0
2000MHz	115.5
2500MHz	130.6
3000MHz	143.8
5800MHz	210.3

Compliance

RoHS II Directive (2011/65/EU & 2015/863)
REACH (1907/2006)

Part Options

C07-L010001AE/BK | L100 Black PE
C07-L010001CZ/BK | L100 Black LSZH

Connectors, cable preparation tools and crimp tools are also available.

Important:

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