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Cable Specification

C07-L019501FX/BK – L195 Flex Low Loss 50ohm Cable

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



Image is for reference only. ©KSM Ltd

Construction

Conductor

Material: Bare Copper
Construction: 7/0.28mm

Dielectric

Material: Foam Polyethylene
Diameter: 2.80mm

Foil Screen

Material: Bonded Aluminium Polyester
Foil Tape
Coverage: 100%

Braid Screen

Material: Tinned Copper
Coverage: 85%

Sheath

Material: Thermoplastic Elastomer
Diameter: 4.95mm

Mechanical Characteristics

Operating Temperature (°C):	-15 to +110
Min. Bending Radius (mm):	Installed 12.7 Flexing 50.8

Electrical Characteristics at 20°C

Characteristic Impedance (Ω):	50±3
Inner Conductor DC Resistance (Ω/km):	≤24.9
Outer Conductor DC Resistance (Ω/km):	≤16.1
Capacitance (pF/m):	83
Velocity Ratio (%):	85
Attenuation (dB/100m)*:	30MHz 7.7 50MHz 9.9 150MHz 17.3 220MHz 31.1 450MHz 30.4 900MHz 43.4 1500MHz 56.7 1800MHz 62.4 2000MHz 65.9 2500MHz 74.2 5800MHz 116.7

*Maximum attenuation is 10% higher

Compliance

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

Part Options

C07-L019501FX/BK | L195 Flex Black TPE

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

Important:

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