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Cable Specification

C07-L024001FX/BK – L240 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: 7/0.485mm

Dielectric

Material: Foam Polyethylene
Diameter: 3.80mm

Foil Screen

Material: Bonded Aluminium Polyester
Foil Tape
Coverage: 100%

Braid Screen

Material: Tinned Copper
Coverage: 90%

Sheath

Material: Thermoplastic Elastomer
Diameter: 6.10mm

Mechanical Characteristics

Operating Temperature (°C):	-15 to +110
Min. Bending Radius (mm):	Installed 19.0 Flexing 54.0

Electrical Characteristics at 20°C

Characteristic Impedance (Ω):	50±3
Inner Conductor DC Resistance (Ω/km):	≤14.5
Outer Conductor DC Resistance (Ω/km):	≤12.8
Capacitance (pF/m):	79.4
Velocity Ratio (%):	84
Attenuation dB/100m)*:	30MHz 5.3 50MHz 6.8 150MHz 11.9 220MHz 14.4 450MHz 20.8 900MHz 29.8 1500MHz 38.9 1800MHz 42.8 2000MHz 45.2 2500MHz 50.9 5800MHz 80.1

*Maximum attenuation is 10% higher

Compliance

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

Part Options

C07-L024001FX/BK | L240 Flex Black TPE

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

Important:

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