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Cable Specification

C07-L040001FX/BK – L400 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: 7/0.95mm

Dielectric

Material: Foam Polyethylene
Diameter: 7.25mm

Foil Screen

Material: Bonded Aluminium Polyester
Foil Tape
Coverage: 100%

Braid Screen

Material: Tinned Copper
Coverage: 90%

Sheath

Material: Thermoplastic Elastomer
Diameter: 10.20mm

Mechanical Characteristics

Operating Temperature (°C):	-15 to +110
Min. Bending Radius (mm):	Installed 35.0 Flexing 100.0

Electrical Characteristics at 20°C

Characteristic Impedance (Ω):	50 $\pm$ 3
Inner Conductor DC Resistance (Ω /km):	$\leq$ 3.51
Outer Conductor DC Resistance (Ω /km):	$\leq$ 5.40
Capacitance (pF/m):	78.0
Velocity Ratio (%):	85
Attenuation (dB/100m)*:	30MHz 2.7 50MHz 3.5 150MHz 6.1 220MHz 7.4 450MHz 10.7 900MHz 15.4 1500MHz 20.2 1800MHz 22.3 2000MHz 23.6 2500MHz 26.6 5800MHz 42.6

*Maximum attenuation is 10% higher

Compliance

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

Part Options

C07-L040001FX/BK | L400 Flex Black TPE

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

Important:

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