

MHF® 4L LK and MHF® I LK Cable Assemblies >

Molex offers MHF® 4L LK and MHF® I LK cable assemblies in multiple standard configurations using MHF locking plugs and Molex connector interfaces. The durable locking system provides added reliability and security for rugged RF applications that are subject to continuous shock and vibration.



MHF® 4L LK and MHF® I LK Cable Assemblies

FEATURES AND ADVANTAGES



Standard, off-the-shelf availability
Speeds up time to market and eliminates tooling



MHF® connectors feature patented locking system
Makes the cable assembly ideal for applications with continuous shock or vibrations where reliable connectivity is essential



Standard MHF® receptacle
The locking cable assemblies mate with standard MHF® receptacles

MARKETS AND APPLICATIONS

Consumer

Wireless internet TVs and audio devices

Data/Computing

Wireless LAN
Wireless PAN (Bluetooth)
Wireless WAN

MedTech

Medical devices
Test and measurement equipment

Mobile Devices

Wireless devices

Telecommunications/Networking

Network interfaces
Telecom boxes
Wireless base stations
Wireless LAN (WLAN)
Wireless antennas
Broadband equipment

Commercial Vehicles

Smart farming

Commercial Aviation

In-flight infotainment systems



Wireless Devices



Medical Devices



Smart Farming

MHF[®] 4L LK and MHF[®] I LK Cable Assemblies >

SPECIFICATIONS

Reference Information

Packaging: Bag
(see packaging specifications for more details)
Use with: Printed circuit boards
Designed in: Millimeters
RoHS: Yes

MHF[®] 4L LK Electrical

Frequency: Up to 12 GHz
Voltage (rated): 60V
Contact resistance (max.): 20 milliohms
Withstand voltage (min.): 200V
Impedance: 50 Ohms

Mechanical

Applicable wire gauge: 30 AWG
Connector height (max.): 2.00mm
Connector width (max.): 2.00mm

MHF[®] I LK Electrical

Frequency: Up to 9 GHz
Voltage (rated): 60V
Contact resistance (max.): 20 milliohms
Withstand voltage (min.): 200V
Impedance: 50 Ohms

Mechanical

Applicable wire gauge: 30, 32 or 36 AWG
Connector height (max.): 3.00mm
Connector width (max.): 3.00mm

www.molex.com/link/standardrfcables.html