

MHF4 Pigtail Cables

I-PEX MHF4 To SMA Female Bulkhead Jack 1.13 Coax Cable



Applications

- Connecting antennas to compact RF Devices
- RF interfaces in IoT gateways
- MHF4 LK ideal for continuous shock & vibration applications

Attenuation

Frequency (GHz)	1 GHz	2 GHz	3 GHz	4 GHz	5 GHz	6 GHz
dB 1/m	2.2	3.1	3.9	4.5	5.0	5.5

Key Features

- Low Loss coaxial cable
- OD 1.13mm
- Rear and front mount options
- Various cable lengths available
- RoHS and REACH compliant
- Crimp strength 20N minimum
- Locking solution available

Electrical Specifications

Suggested Working Frequency:	0 to 6 GHz
Nominal Impedance:	50 +/- 3 Ω
Maximum Operating Voltage:	30 V
Return Loss:	-15 dB (Max. between 0 and 6 GHz)

Environmental Specifications

Operating Temperature:	-20 to +60 °C
Storage Temperature:	-20 to +60 °C
RoHS Compliant:	YES
REACH Compliant:	YES

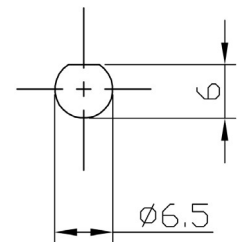
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Mechanical Drawing

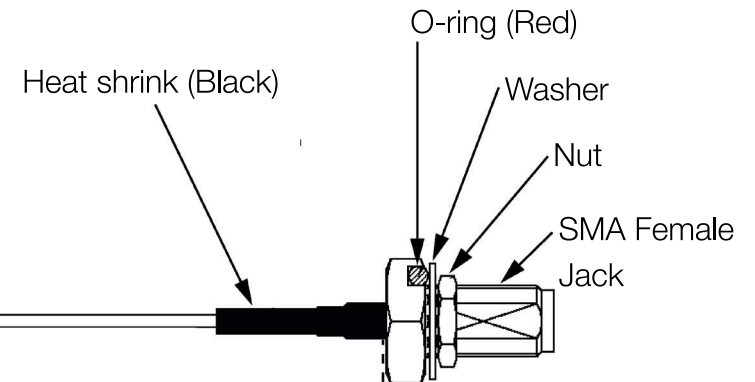
Note: The O-ring is applicable to the IP67 models.

**RECOMMENDED
MOUNTING HOLE**

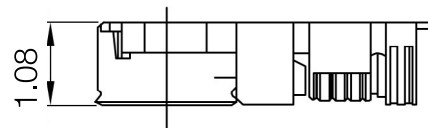


I-PEX MHF4 L / MHF4 LK
(See page 3)

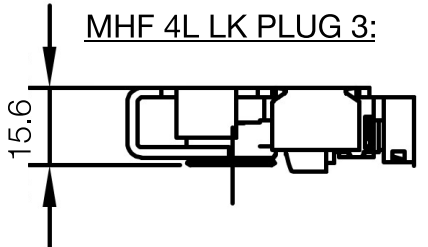
Cable length (See page 3)



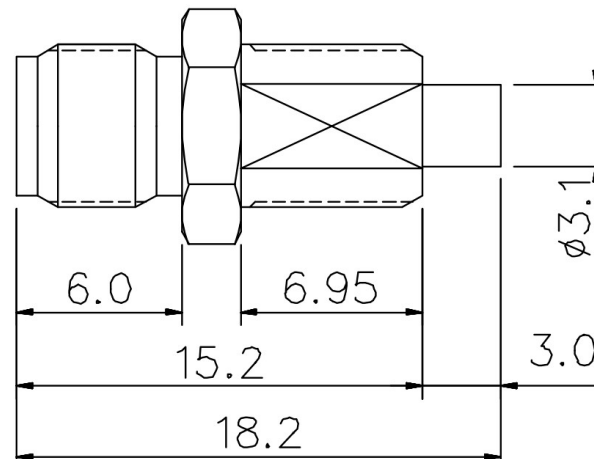
MHF 4L PLUG 8:1



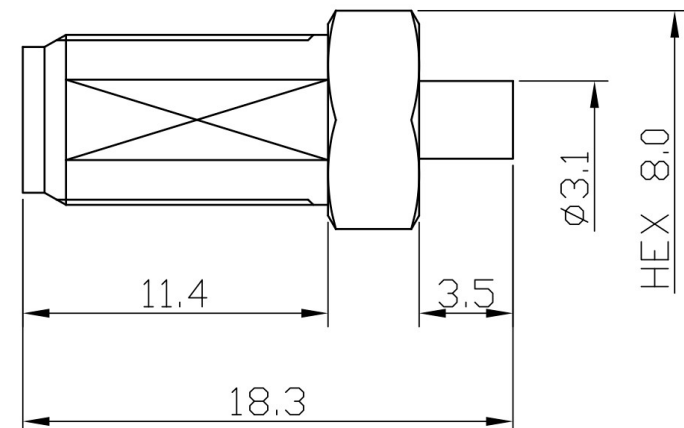
MHF 4L LK PLUG 3:



SMAF FRONT MOUNT



SMAF REAR MOUNT



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Mechanical Specifications

Product	Connector 1	Connector 2	Connector 2 Mounting Type	Length (mm)	Cable type	Colour
ASMGGA003XB113S11	I-PEX MHF4 L	SMAF BLKHD	REAR MOUNT	30	1.13 mm Coax	GREY
ASMGGA005XB113S11				50	1.13 mm Coax	GREY
ASMGGA0075XB113S11				75	1.13 mm Coax	GREY
ASMGGA010XB113S11				100	1.13 mm Coax	GREY
ASMGGA0125XB113S11				125	1.13 mm Coax	GREY
ASMGGA015XB113S11				150	1.13 mm Coax	GREY
ASMGGA003XA113S11		SMAF BLKHD	FRONT MOUNT	30	1.13 mm Coax	GREY
ASMGGA005XA113S11				50	1.13 mm Coax	GREY
ASMGGA0075XA113S11				75	1.13 mm Coax	GREY
ASMGGA010XA113S11				100	1.13 mm Coax	GREY
ASMGGA0125XA113S11				125	1.13 mm Coax	GREY
ASMGGA015XA113S11				150	1.13 mm Coax	GREY
ASMGGA003XD113S11		IP67/SMAF BLKHD	REAR MOUNT	30	1.13 mm Coax	GREY
ASMGGA005XD113S11				50	1.13 mm Coax	GREY
ASMGGA0075XD113S11				75	1.13 mm Coax	GREY
ASMGGA010XD113S11				100	1.13 mm Coax	GREY
ASMGGA0125XD113S11				125	1.13 mm Coax	GREY
ASMGGA015XD113S11				150	1.13 mm Coax	GREY
ASMGGA003XC113S11		IP67/SMAF BLKHD	FRONT MOUNT	30	1.13 mm Coax	GREY
ASMGGA005XC113S11				50	1.13 mm Coax	GREY
ASMGGA0075XC113S11				75	1.13 mm Coax	GREY
ASMGGA010XC113S11				100	1.13 mm Coax	GREY
ASMGGA0125XC113S11				125	1.13 mm Coax	GREY
ASMGGA015XC113S11				150	1.13 mm Coax	GREY
ASMGGLKL010XC113S11	I-PEX MHF1 L (UFL) LK	IP67/SMAF BLKHD	REAR MOUNT/LOCKING MECHANISM ON MHF1	100	1.13 mm Coax	GREY
ASMGAL010XC137S11	I-PEX MHF4 L LK	IP67/SMAF BLKHD	REAR MOUNT/LOCKING MECHANISM ON MHF4	100	1.37 mm Coax	BLACK