

MHF4 Pigtail Cables

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



Applications

- SMA Female to MHF4 jumper cable
- RF connections for radios and antennas
- 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
- Color Grey
- Various cable lengths available
- RoHS and REACH compliant
- Crimp strength 20N minimum
- MHF4 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

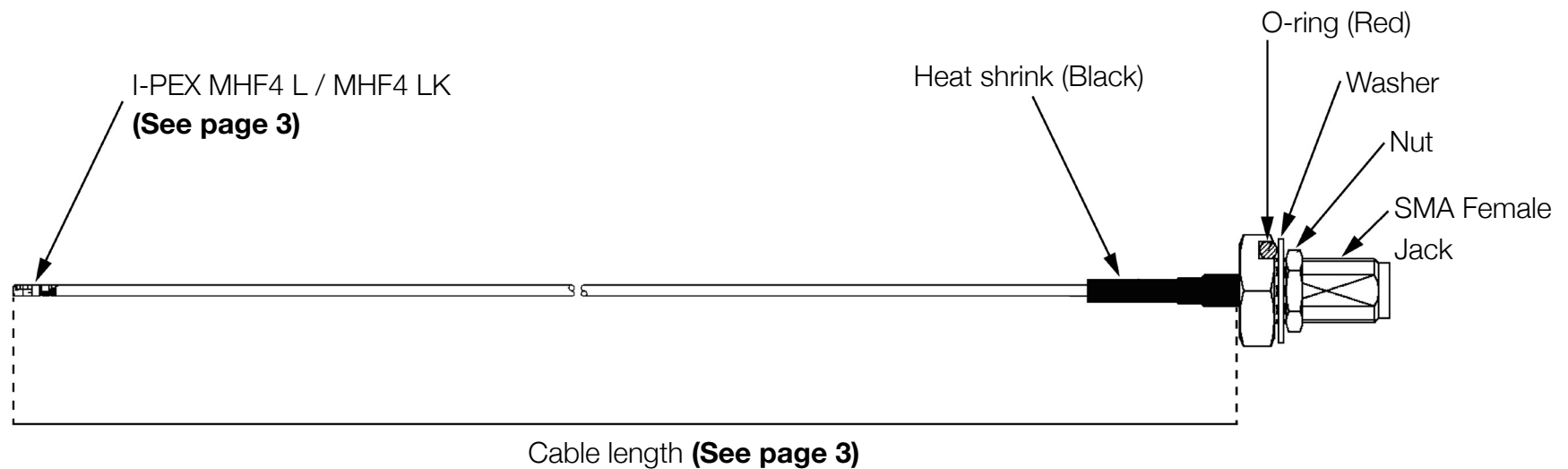
Operating Temperature:	-20 to +60 °C
Storage Temperature:	-20 to +60 °C
RoHS Compliant:	YES
REACH Compliant:	YES

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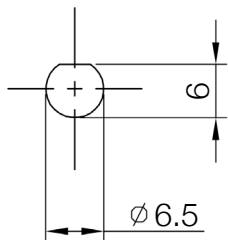
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Mechanical Drawing

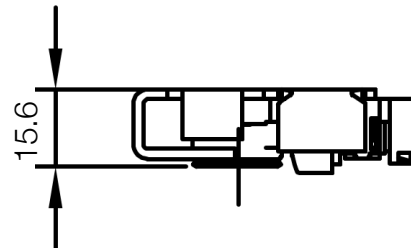
Note: The O-ring is applicable to the IP67 models.



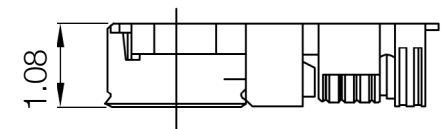
RECOMMENDED MOUNTING HOLE



MHF 4L LK PLUG 3:1



MHF 4L PLUG 8:1



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Mechanical Specifications

Product	Connector 1	Connector 2	Mounting Type	Length (mm)	Cable type	Colour
ASMG003XB113S11	I-PEX MHF4 L	SMAF BLKHD	REAR MOUNT	30	1.13mm coax	GREY
ASMG005XB113S11				50	1.13mm coax	GREY
ASMG0075XB113S11				75	1.13mm coax	GREY
ASMG010XB113S11				100	1.13mm coax	GREY
ASMG0125XB113S11				125	1.13mm coax	GREY
ASMG015XB113S11				150	1.13mm coax	GREY
ASMG003XA113S11		SMAF BLKHD	FRONT MOUNT	30	1.13mm coax	GREY
ASMG005XA113S11				50	1.13mm coax	GREY
ASMG0075XA113S11				75	1.13mm coax	GREY
ASMG010XA113S11				100	1.13mm coax	GREY
ASMG0125XA113S11				125	1.13mm coax	GREY
ASMG015XA113S11				150	1.13mm coax	GREY
ASMG003XD113S11		IP67/SMAF BLKHD	REAR MOUNT	30	1.13mm coax	GREY
ASMG005XD113S11				50	1.13mm coax	GREY
ASMG0075XD113S11				75	1.13mm coax	GREY
ASMG010XD113S11				100	1.13mm coax	GREY
ASMG0125XD113S11				125	1.13mm coax	GREY
ASMG015XD113S11				150	1.13mm coax	GREY
ASMG003XC113S11		IP67/SMAF BLKHD	FRONT MOUNT	30	1.13mm coax	GREY
ASMG005XC113S11				50	1.13mm coax	GREY
ASMG0075XC113S11				75	1.13mm coax	GREY
ASMG010XC113S11				100	1.13mm coax	GREY
ASMG0125XC113S11				125	1.13mm coax	GREY
ASMG015XC113S11				150	1.13mm coax	GREY
ASMG010XC113S11	I-PEX MHF1 L (UFL) LK	IP67/SMAF BLKHD	REAR MOUNT/LOCKING MECHANISM ON MHF1	100	1.13mm coax	GREY
ASMG010XC137S11	I-PEX MHF4 L LK	IP67/SMAF BLKHD	REAR MOUNT/LOCKING MECHANISM ON MHF4	100	1.13mm coax	BLACK