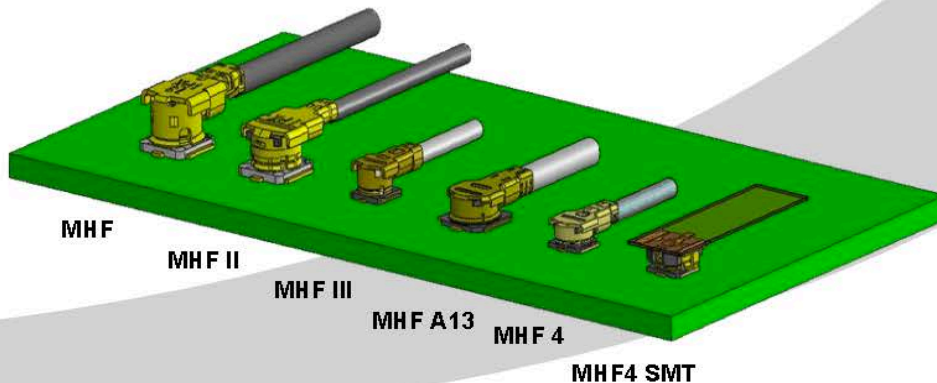


## I-PEX miniature interconnect

The **MHF** family consists of 5 series of connectors with frequency range DC up to 6GHz (VSWR: 1.5 MAX). All are available with gold plating for superior performance and allow 360 degree cable mounting. The range offers mating heights from 1.2 to 2.5mm.



### Major Applications

- Wireless LAN
- Antenna
- Mobile Phone
- Note Book Computer
- Game Equipment
- Digital Appliance
- Access Point

### Features

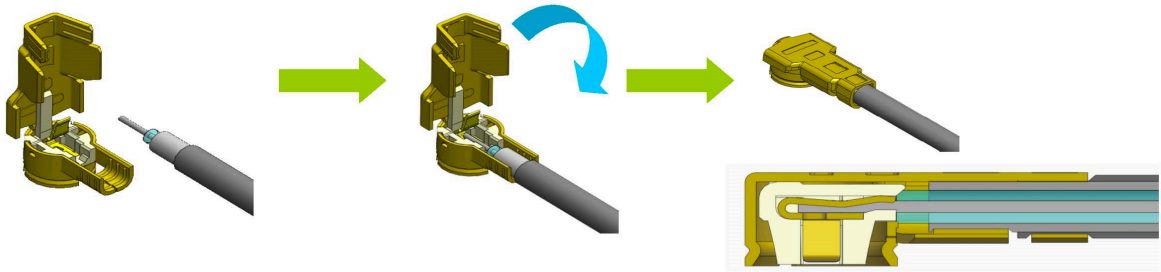
1. Low cost assemblies made possible by using "i-Fit®" Technology.
2. SMT receptacle compatible with other leading manufacturers' PCB layouts.
3. Ultra Low Profile: 1.2/1.45/1.6/2.1 and 2.5mm high.
4. Frequency range: DC to 6GHz.
5. Characteristic impedance: 50 ohms

# MHF Miniature Coaxial Products

## Applicable Cables / Mating Height

	MHF Receptacle				MHFIII Receptacle		MHF A Receptacle		MHF 4 Receptacle		
		MHF Plug		MHF II Plug		MHF III Plug		MHF-A13 Plug		MHF 4 Plug	MHF 4 SMT Plug
Mating Height		2.5mm (max)		2.1mm (max)		1.6mm (max)		1.45mm (max)		1.22mm (max)	1.2mm (max)
		O.D.	O.D.	O.D.		O.D.		O.D.		O.D.	
Gold/Gold	3 pads 4 pads	0.81mm 1.13mm 1.32mm 1.80mm	1.37mm	0.81mm		0.81mm 0.64mm		1.13mm		0.81mm	-
Gold/Silver	3 pads	1.13mm 1.32mm	N/A	0.81mm 0.98mm	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**i-Fit® Termination: Simple, easy, and speedy solderless cable termination in one operation. Offers consistent high reliability independent of operator.**



### Summary

1. MHF is a product range that will help you maximise the use of your equipment space.
2. MHF is a cost effective solution for an RF cable to board application.
3. MHF offers performance, price and process benefits compared to other standard interfaces.

## Duplex Capabilities



RF shielding with or without connectors



Cable assemblies



RF connectors, U-links and adaptors



Fibre



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