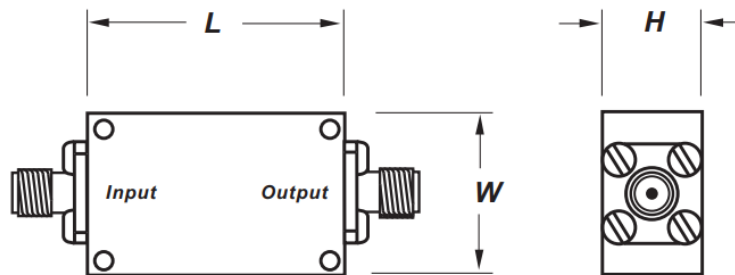


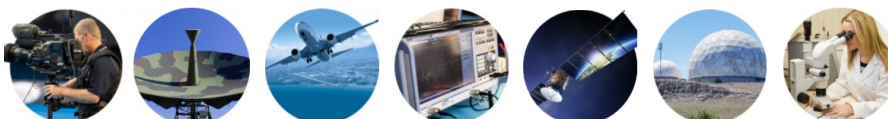
# High Pass Filters

- 3dB Cut Off Frequency in Range 1 - 12GHz
- Miniaturised Suspended Substrate
- Quasi-elliptical Function
- High Temperature Stability
- Excellent Temperature Stability
- Very Rugged Design



All dimensions are in mm.

General Specification	
Impedance	50 ohms
Circuit	Suspended Substrate
Housing	Rectangular
Finish	Matt Paint
Connectors	SMA Female to MIL-C-39012
Operating Temperature	-55 + 85C
Storage Temperature	-55 + 95C
Humidity	95% R.H



### Technical specifications and operating parameters

Part Number	3dB Cut Off Frequency (GHz)	Pass Band Frequency Range (GHz)	Insertion Loss (dB) Max	VSWR (:1) Max	Stopband Frequency (GHz)	Stopband Attenuation (dB) Min	Power Handling (Watts) Avg	Size (L x W x H) (mm)
F-HPC5-730008-S5S5	1	1.1 - 4	1.2	2	DC - 0.8	50	15	70.5x43x12
F-HPK4-730009-S5S5	2	2.2 - 11	1.2	2	DC - 1.6	50	15	37x33x12
F-HPK4-730010-S5S5	3	3.3 - 11	1.2	2	DC - 2.5	50	15	34x33x12
F-HPK4-730011-S5S5	4	4.4 - 11	1.2	2	DC - 3.3	50	15	32x25x12
F-HPK4-730012-S5S5	5	5.5 - 16	1.2	2	DC - 4.2	50	15	25.5x28x12
F-HPK4-730013-S5S5	6	6.6 - 17	1.2	2	DC - 5	50	15	27x25x12
F-HPK4-730014-S5S5	7	7.7 - 17	1.2	2	DC - 5.9	50	15	27x25x12
F-HPK4-730015-S5S5	8	8.8 - 18	1.2	2	DC - 6.75	50	15	23x25x12
F-HPK4-730016-S5S5	9	9.9 - 18	1.2	2	DC - 7.6	50	15	25.5x25x12
F-HPK4-730017-S5S5	10	11 - 18	1.2	2	DC - 8.4	50	15	28x25x12
F-HPK4-730018-S5S5	11	12.1 - 18	1.2	2	DC - 9.3	50	15	28x21x12
F-HPK4-730019-S5S5	12	13.2 - 18	1.2	2	DC - 10.2	50	15	25.5x22x12

Note 1: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved spec accuracy.  
 Note 2: Operation beyond the quoted limits stated above may cause instantaneous and permanent damage.

