

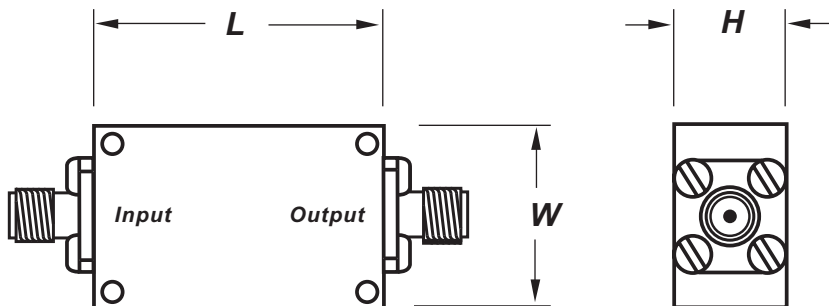
- 3dB Cut Off Frequency in Range 1-12GHz
- Miniaturised Suspended Substrate
- Quasi-elliptical Function
- Excellent Temperature Stability
- Very Rugged Design



### General Specifications

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.

Model No	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 (LxWxH) (mm)
AFH-01000	1	1 - 4	1.2	2	DC - 0.8	50	15	70.5x43x12
AFH-02000	2	2.2 - 11	1.2	2	DC - 1.6	50	15	37x33x12
AFH-03000	3	3.3 - 11	1.2	2	DC - 2.5	50	15	34x33x12
AFH-04000	4	4.4 - 11	1.2	2	DC - 3.3	50	15	32x25x12
AFH-05000	5	5.5 - 16	1.2	2	DC - 4.2	50	15	25.5x28x12
AFH-06000	6	6.6 - 17	1.2	2	DC - 5	50	15	27x25x12
AFH-07000	7	7.7 - 17	1.2	2	DC - 5.9	50	15	27x25x12
AFH-08000	8	8.8 - 18	1.2	2	DC - 6.75	50	15	23x25x12
AFH-09000	9	9.9 - 18	1.2	2	DC - 7.6	50	15	25.5x25x12
AFH-10000	10	11 - 18	1.2	2	DC - 8.4	50	15	28x25x12
AFH-11000	11	12.1 - 18	1.2	2	DC - 9.3	50	15	28x21x12
AFH-12000	12	13.2 - 18	1.2	2	DC - 10.2	50	15	25.5x22x12



All dimensions are in mm.

We reserve the right to change standard product specifications without notice but will be pleased to consider control drawings for quotation.