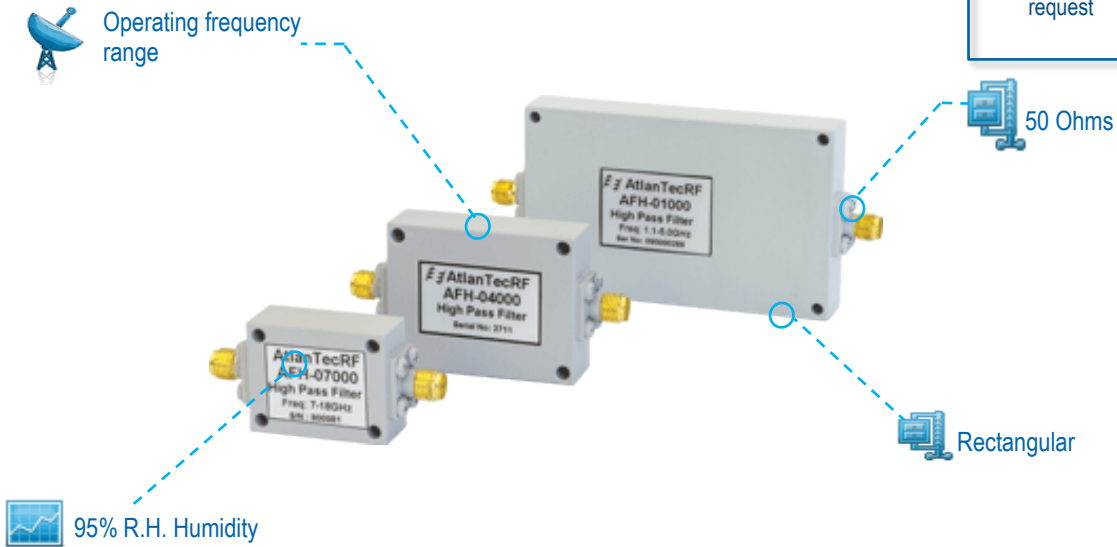


## High Pass Filters

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



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.

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.

Model No. & Typical Test Data (where)	3dB Cut Off Frequency (GHz)	Pass Band Frequency Range (GHz)	Insertion Loss (dB max.)	VSWR (:1max.)	Stopband Frequency (GHz)	Stopband Attenuation (dB min.)	Power Handling (Watts)	Size (LxWxH) (mm)
AFH-01000	1	1.1 - 4	1	2	DC - 0.85	50	15	70.5x43x12
AFH-02000	2	2.2 - 12	1	2	DC - 1.7	50	15	37x33x12
AFH-03000	3	3.3 - 12	1	2	DC - 2.55	50	15	34x33x12
AFH-04000	4	4.4 - 12	1	2	DC - 3.4	50	15	32x25x12
AFH-05000	5	5.5 - 16	1	2	DC - 4.25	50	15	25.5x28x12
AFH-06000	6	6.6 - 18	1	2	DC - 5.1	50	15	27x25x12
AFH-07000	7	7.7 - 18	1	2	DC - 5.95	50	15	27x25x12
AFH-08000	8	8.8 - 18	1	2	DC - 6.8	50	15	23x25x12
AFH-09000	9	9.9 - 18	1	2	DC - 7.65	50	15	25.5x25x12
AFH-10000	10	11 - 18	1	2	DC - 8.5	50	15	28x25x12
AFH-11000	11	12.1 - 18	1	2	DC - 9.35	50	15	28x21x12
AFH-12000	12	13.2 - 18	1	2	DC - 10.2	50	15	25.5x22x12

