



• **Features :**

- Covers DC to 18 GHz Frequency Range
- Maximun VSWR 2:1
- Perfect Temperature Stability
- Custom Design Available

• **Common Specifications :**

- Passband Loss ≤ 1 dB
- VSWR $\leq 2:1$ Max
- Impedance 50 Ohms
- Power Handling 15 W CW Max
- Operating Temperature -55°C to $+85^{\circ}\text{C}$
- Shock : 20 G's, $\frac{1}{2}$ Sine, 11 ms
- Vibration : 10 G's, 10 Hz – 2000 Hz
- Rel. Humidity : 0 – 95%

3 dB Cut Off (GHz)	Passband @ ≤ 1 dB (GHz)	Shape Factor (3dB-30 dB)	Dimensions Inches / mm		
			L	W	H
1	1.6 - 6	1.3:1	1.50 / 38.1	1.5 / 38.1	0.5 / 12.7
2	2.2 - 12	1.3:1	1.50 / 38.1	1.3 / 33.0	0.5 / 12.7
3	3.3 - 12	1.3:1	1.40 / 35.6	1.2 / 30.5	0.5 / 12.7
4	4.4 - 12	1.3:1	1.25 / 31.8	1.1 / 27.9	0.5 / 12.7
5	5.5 - 16	1.3:1	1.30 / 33.0	1.0 / 25.4	0.5 / 12.7
6	6.6 - 18	1.3:1	1.30 / 33.0	1.0 / 25.4	0.5 / 12.7
7	7.7 - 18	1.3:1	1.20 / 30.5	1.0 / 25.4	0.5 / 12.7
8	8.8 - 18	1.3:1	1.20 / 30.5	1.0 / 25.4	0.5 / 12.7
9	9.9 - 18	1.3:1	1.20 / 30.5	1.0 / 25.4	0.5 / 12.7
10	11 - 18	1.3:1	1.10 / 27.9	0.9 / 22.9	0.5 / 12.7
11	12.1 - 18	1.3:1	1.10 / 27.9	0.85 / 21.6	0.5 / 12.7
12	13.2 - 18	1.3:1	1.00 / 25.4	0.85 / 21.6	0.5 / 12.7

• **To Order**

11 SS HPF / 2000 - I 18000 / SF - SF
 1 2 3 4 5 6 7 8

Code

Description

- 1: Number of Elements
- 2: Suspended Substrate
- 3: Serie (HighPass Filter)
- 4: **Your Lower limit at – 3 dB**
- 5: Supplemental codes
- 6: **Your Upper Passband Limit**
- 7: **Your Input Connector**
- 8: **Your Output Connector**

• **Connectors**

Connector	Code	L1 Inches / mm
SMA Female	SF	0.375 / 9.53
SMA Male	SM	0.507 / 12.9
Special	XX	

Specific applications are available on request. Contact us for more information.