



BAND PASS, HIGH PASS & LOW PASS FILTER



Specification may change without notification 8/20/2011. RoHS compliant available on request only.

200MHz-18GHz

Model	Freq. Range	Insertion loss In band (dB)	Harmonics out band	VSWR (Mx)
Low pass	DC-18GHz	≤2dB	≥50dB	≤2
High pass	500MHz-18GHz	≤2dB	≥60dB	≤2
Band pass	100MHz-18GHz	≤1.8dB	≥50dB	≤2
Stop band	1.5GHz -15GHz	Stop Band Range 2% - 25%		

Low Pass Filters				
Model	Freq. Range	Insertion loss In band (dB)	Harmonics out band	VSWR (Mx)
LPF-200M	DC-200MHz	2	50dB (1.5fc – 5fc)	1.5
LPF-500M	DC-500MHz	1	60dB (1.2fc – 4fc)	1.5
LPF-1800M	DC-1.8GHz	1.5	50dB (1.12fc – 18GHz)	2
LPF-2000MA	DC-2GHz	1.5	55dB (1.15fc – 4fc)	1.5
LPF-2000MB	DC-2GHz	1.5	50dB (1.12fc – 18GHz)	2
LPF-3600M	DC-3.6GHz	1.5	50dB (1.15fc – 18GHz)	2
LPF-4000M	DC-4GHz	1.5	50dB (1.2fc – 4fc)	1.5
LPF-4300M	DC-4.3GHz	1.5	50dB (1.15fc – 18GHz)	2
LPF-5000M	DC-5GHz	1.5	50dB (1.2fc – 3.6fc)	1.5
LPF-8000M	DC-8GHz	1.5	50dB (1.2fc – 2fc)	1.5
LPF-12G	DC-12GHz	1.5	50dB (1.1fc – 26GHz)	2
LPF-18G	DC-18GHz	2	50dB (1.1fc – 26GHz)	2

High Pass Filters				
Model	Freq. Range	Insertion loss In band (dB)	Harmonics out band	VSWR (Mx)
HPF-0520	0.5-2GHz	1	60dB (DC-0.85fc)	1.5
HPF-0530	0.5-3GHz	1	55dB (DC-0.85fc)	1.5
HPF-2080	2-8GHz	1	50dB (DC-0.9fc)	2
HPF-20180	2-18GHz	1	50dB (DC-0.9fc)	2
HPF-2780	2.7-8GHz	1	50dB (DC-0.9fc)	2
HPF-27180	2.7-18GHz	1	50dB (DC-0.9fc)	2
HPF-60180	6-18GHz	1	50dB (DC-0.85fc)	2

Band Pass Filters				
Model	Freq. Range	Insertion loss In band (dB)	Harmonics out band	VSWR (Mx)
BPF-0510	0.5-1GHz	1	50dB (DC-0.35GHz; 1.2-4GHz)	1.5
BPF-0520	0.5-2GHz	1	50dB (DC-0.35GHz; 2.35-8GHz)	1.5
BPF-1018	1-1.8GHz	1.5	50dB (DC-0.8GHz; 2-3GHz)	1.8
BPF-2025	2-2.5GHz	1.5	50dB (DC-1.6GHz; 3-12GHz)	1.5
BPF-2030	2-3GHz	1.5	50dB (DC-1.8GHz; 3.3-7GHz)	1.5
BPF-2040	2-4GHz	1.5	50dB (DC-1.8GHz; 3.4-8GHz)	1.8
BPF-2036	2.4-3.6GHz	1.5	50dB (DC-2.2GHz; 4-8GHz)	1.5
BPF-3040	3-4GHz	1.5	50dB (DC-2.7GHz; 4.4-9GHz)	1.5
BPF-3862	3.8-6.2GHz	1.5	50dB (DC-3.4GHz; 7-9GHz)	1.7
BPF-4060	4-6GHz	1.5	50dB (DC-3.6GHz; 6.5-9GHz)	1.8
BPF-4080	4-8GHz	1.5	50dB (DC-3.6GHz; 7.5-16GHz)	1.7
BPF-80120	8-12GHz	2	50dB (DC-7GHz; 13-18GHz)	2
BPF-100140	10-14GHz	1.5	50dB (DC-9GHz; 15.5-18GHz)	2
BPF-110130	11-13GHz	1.5	50dB (DC-10GHz; 14.5-18GHz)	2
BPF-130150	13-15GHz	1.5	50dB (DC-10GHz; 16.5-18GHz)	2