

## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)		Cross over isolation (dB) (Between LPF and HPF)	RETURN LOSS (dB)		
	Lowpass port	Highpass port		Common port	Lowpass port	Highpass port
0.50	0.34	93.34	104.01	28.34	28.42	0.00
1.00	0.34	99.99	101.48	27.45	27.38	0.00
5.00	0.39	98.58	97.54	20.84	20.32	0.00
8.00	0.45	97.22	103.71	19.49	18.80	0.00
9.00	0.47	99.43	97.73	19.63	18.89	0.00
9.80	0.48	93.68	111.03	19.95	19.16	0.00
9.85	0.49	108.32	106.03	19.99	19.19	0.00
9.90	0.49	104.94	105.36	20.01	19.21	0.00
9.95	0.49	104.37	101.41	20.04	19.22	0.00
10.00	0.49	97.32	102.84	20.08	19.26	0.00
10.05	0.49	96.76	104.20	20.09	19.28	0.00
10.10	0.49	100.97	99.51	20.12	19.31	0.00
10.15	0.49	100.58	104.45	20.17	19.34	0.00
10.20	0.49	95.02	104.59	20.18	19.38	0.00
11.00	0.51	101.47	104.82	20.83	19.94	0.00
12.00	0.53	103.78	111.99	22.01	20.99	0.00
13.00	0.56	98.60	101.61	23.75	22.50	0.00
14.00	0.59	112.49	102.52	26.34	24.67	0.00
15.00	0.63	99.21	105.82	30.06	27.74	0.00
16.00	0.68	98.56	126.01	31.22	30.32	0.00
20.00	1.17	98.30	103.14	14.16	15.32	0.00
30.00	11.08	92.74	95.17	1.20	1.84	0.00
40.00	25.01	90.28	98.85	0.39	0.78	0.00
50.00	36.55	86.20	99.42	0.25	0.51	0.00
100.00	55.75	76.08	116.07	0.09	0.16	0.01
150.00	55.68	59.20	96.30	0.06	0.09	0.03
200.00	56.49	45.85	89.56	0.06	0.06	0.06
250.00	56.85	35.23	93.61	0.08	0.05	0.11
260.00	57.02	33.34	91.26	0.08	0.05	0.12
270.00	57.07	31.52	88.69	0.09	0.05	0.13
300.00	57.27	26.37	90.05	0.11	0.05	0.18
350.00	57.55	18.64	81.35	0.22	0.04	0.32
400.00	58.29	11.80	74.71	0.57	0.04	0.71
450.00	60.23	6.09	69.15	1.76	0.04	1.96
480.00	62.23	3.57	66.77	3.40	0.04	3.63
500.00	63.69	2.37	65.35	5.05	0.04	5.31
550.00	64.96	0.82	63.97	11.34	0.04	11.72
600.00	63.51	0.39	63.33	21.12	0.04	22.22
650.00	62.66	0.31	62.89	24.49	0.04	26.69
700.00	62.01	0.30	62.67	20.27	0.04	21.31
800.00	61.34	0.28	61.97	17.98	0.05	18.87
900.00	61.04	0.26	61.01	18.07	0.05	18.94
1000.00	60.49	0.24	60.45	18.81	0.06	19.65
1250.00	59.18	0.20	58.97	21.26	0.07	22.03
1500.00	58.18	0.18	58.08	24.37	0.08	25.09
1750.00	56.91	0.17	56.89	28.46	0.09	29.48
2000.00	55.65	0.24	56.00	29.14	0.11	29.69
2100.00	55.56	0.49	56.22	26.45	0.11	24.36
2200.00	53.76	0.46	54.61	36.26	0.12	25.03
2300.00	53.53	0.26	54.34	32.09	0.13	27.36
2400.00	53.30	0.22	54.14	27.60	0.15	26.03
2500.00	53.16	0.22	54.02	24.98	0.17	24.35
2600.00	52.82	0.22	53.94	23.10	0.21	22.77
2700.00	52.48	0.23	53.86	21.59	0.31	21.42
2800.00	51.94	0.24	54.33	20.27	0.61	20.15
2900.00	50.38	0.26	57.75	19.15	1.97	19.08
3000.00	49.42	0.28	58.37	18.13	2.27	18.13
4000.00	51.03	0.87	53.42	12.06	0.23	11.10
5000.00	34.43	1.51	34.38	8.26	0.64	7.66
6000.00	25.98	1.78	29.93	11.04	1.23	8.26