

## 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
1.0	0.02	76.62	78.13	46.55	45.94	0.00
2.0	0.04	68.65	70.72	43.13	43.84	0.00
3.0	0.05	66.52	66.85	40.27	41.18	0.00
5.0	0.06	62.80	62.30	36.04	36.98	0.00
8.0	0.08	59.63	59.64	32.11	33.09	0.01
10.0	0.09	58.54	58.26	30.47	31.31	0.01
12.0	0.10	58.21	58.11	29.26	30.04	0.02
15.0	0.12	59.55	59.17	28.12	28.73	0.03
18.0	0.14	62.60	61.90	27.65	28.17	0.04
20.0	0.16	65.98	67.23	27.72	28.12	0.05
25.0	0.20	65.72	65.60	28.90	29.30	0.09
30.0	0.26	59.28	59.02	31.08	31.65	0.14
35.0	0.37	71.07	70.22	31.04	30.78	0.24
38.0	0.50	58.71	58.69	29.86	28.48	0.33
40.0	0.64	53.47	53.79	30.95	27.54	0.43
41.0	0.74	51.83	52.60	33.70	28.02	0.49
42.0	0.87	50.97	51.65	44.21	31.32	0.57
43.0	1.08	50.66	51.14	29.92	35.29	0.67
44.0	1.52	50.05	49.59	18.19	18.00	0.78
45.0	2.91	45.94	46.14	9.72	8.70	0.93
45.4	4.13	41.64	44.56	7.19	6.08	1.01
46.0	7.05	33.73	42.73	4.55	3.40	1.13
46.2	8.32	31.15	42.24	3.97	2.82	1.19
46.4	9.72	28.72	42.06	3.51	2.35	1.24
46.6	11.24	26.41	41.76	3.16	1.99	1.30
46.8	12.86	24.24	41.60	2.89	1.71	1.37
47.0	14.57	22.18	41.54	2.70	1.50	1.45
47.6	20.23	16.66	41.64	2.45	1.09	1.76
47.8	22.29	15.02	41.80	2.47	1.01	1.91
48.0	24.47	13.46	42.08	2.53	0.94	2.09
48.2	26.75	12.01	42.42	2.65	0.89	2.31
48.4	29.20	10.65	42.86	2.82	0.84	2.57
48.6	31.75	9.39	43.35	3.06	0.80	2.89
49.0	37.40	7.19	44.78	3.77	0.73	3.72
50.0	50.93	3.57	50.24	6.99	0.62	7.13
52.0	65.91	1.36	66.46	18.43	0.51	18.16
53.0	68.52	1.07	67.33	27.63	0.47	25.58
54.0	65.00	0.91	64.95	40.05	0.44	32.12
55.0	62.04	0.82	62.83	28.87	0.43	28.79
56.0	59.70	0.75	60.38	25.42	0.41	25.92
58.0	57.82	0.65	58.22	23.14	0.39	23.62
60.0	57.88	0.58	57.86	22.82	0.38	23.16
70.0	65.91	0.40	66.12	28.94	0.35	28.24
100.0	68.16	0.30	67.83	34.57	0.34	37.18
150.0	68.65	0.28	68.75	34.65	0.30	42.90
250.0	67.14	0.30	67.56	30.29	0.26	34.61
500.0	68.71	0.39	68.50	24.57	0.31	24.92
600.0	70.52	0.43	67.81	23.40	0.33	23.43
700.0	70.55	0.48	67.97	22.81	0.35	22.38
800.0	73.95	0.52	70.55	22.64	0.37	21.84
900.0	69.97	0.56	68.70	22.66	0.40	21.40
1000.0	70.40	0.60	69.08	22.67	0.43	21.27
1100.0	73.02	0.66	70.55	23.13	0.46	21.80
1220.0	72.19	0.75	69.09	23.66	0.54	22.66
1300.0	71.35	0.83	67.38	23.49	0.54	22.92
1400.0	69.12	0.91	65.77	23.27	0.62	23.69
1500.0	64.56	1.06	61.40	23.07	0.75	25.33
1600.0	58.05	1.31	57.45	22.53	0.93	28.42
1650.0	55.70	1.47	55.70	22.65	1.13	31.50
1700.0	53.10	1.65	53.87	23.02	1.21	36.13