

## 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	0.36	100.14	108.54	29.01	29.46	0.05
3.0	0.37	107.03	101.97	28.01	31.07	0.05
5.0	0.39	87.18	89.39	26.57	35.01	0.07
10.0	0.49	61.27	62.48	24.22	35.22	0.16
12.0	0.55	53.49	54.20	24.84	33.10	0.22
14.0	0.62	46.40	47.00	27.53	36.28	0.31
15.0	0.66	43.04	43.68	30.12	42.06	0.36
16.0	0.70	39.76	40.51	32.36	37.25	0.43
18.0	0.82	33.52	34.56	24.77	24.20	0.61
19.0	0.91	30.63	31.74	20.83	20.30	0.72
20.0	1.04	27.95	29.02	17.71	17.18	0.87
22.0	1.43	23.43	23.86	13.05	12.42	1.30
23.0	1.72	21.65	21.41	11.31	10.63	1.63
24.0	2.09	20.07	19.08	9.93	9.19	2.09
25.0	2.55	18.15	16.87	8.91	8.02	2.77
26.0	3.18	15.02	14.88	8.34	6.98	3.87
27.0	4.12	10.93	13.35	8.44	5.82	5.81
28.0	5.66	7.21	12.67	9.57	4.38	9.33
29.0	7.89	4.69	13.08	11.77	3.02	15.29
30.0	10.47	3.27	14.34	14.35	2.09	21.03
32.0	15.24	2.06	17.80	17.29	1.21	16.76
33.0	17.25	1.78	19.55	17.80	1.01	16.08
34.0	19.09	1.57	21.25	18.22	0.88	16.10
35.0	20.82	1.41	22.87	18.71	0.78	16.53
38.0	25.56	1.08	27.29	20.77	0.60	19.07
40.0	28.46	0.94	29.94	22.53	0.53	21.28
41.0	29.84	0.88	31.19	23.48	0.51	22.45
41.5	30.52	0.86	31.80	23.98	0.49	23.04
42.0	31.18	0.83	32.40	24.48	0.48	23.62
45.0	34.93	0.71	35.78	27.55	0.42	26.39
50.0	40.41	0.58	40.80	31.95	0.36	26.67
75.0	59.74	0.32	59.24	32.46	0.20	24.31
100.0	70.27	0.22	68.99	34.43	0.14	26.71
200.0	73.97	0.13	73.68	38.49	0.06	35.78
250.0	75.32	0.12	75.36	38.09	0.05	37.16
275.0	75.50	0.12	76.05	37.51	0.05	36.96
300.0	76.34	0.12	76.93	37.18	0.05	36.90
350.0	78.27	0.12	78.07	35.89	0.05	36.03
400.0	78.01	0.12	77.41	34.91	0.06	35.13
450.0	78.99	0.12	77.79	33.77	0.06	33.95
500.0	78.57	0.13	77.76	32.71	0.07	33.02
550.0	78.01	0.13	76.94	31.39	0.07	31.88
600.0	75.89	0.14	74.70	30.70	0.08	31.08
700.0	72.50	0.15	71.91	29.18	0.10	29.28
800.0	69.32	0.16	68.64	27.65	0.11	27.79
900.0	66.96	0.17	66.44	26.47	0.13	26.43
950.0	66.03	0.18	65.10	25.79	0.14	25.78
1100.0	62.79	0.20	62.03	24.08	0.16	24.08
1200.0	61.02	0.21	60.28	23.11	0.17	23.09
1300.0	59.46	0.24	58.69	22.21	0.19	22.26
1400.0	58.02	0.27	57.03	21.58	0.20	22.06
1500.0	56.38	0.28	55.84	20.97	0.21	21.23
1600.0	55.31	0.29	54.51	20.46	0.22	20.66
1700.0	53.95	0.35	53.15	19.46	0.26	19.92
1800.0	52.50	0.34	51.72	19.20	0.29	19.52
1900.0	51.44	0.38	50.42	18.64	0.25	19.26
2000.0	50.44	0.48	49.82	17.81	0.26	19.06
2100.0	50.13	0.84	49.03	17.53	0.26	21.55
2150.0	49.68	0.69	48.82	19.89	0.26	25.50
2200.0	48.90	0.55	48.61	20.83	0.27	25.25