

## 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	0.04	71.03	71.48	42.33	42.25	0.00
3.0	0.07	63.36	63.30	37.27	37.73	0.00
5.0	0.08	58.92	58.74	33.46	33.98	0.00
10.0	0.11	53.68	53.21	27.59	28.22	0.00
20.0	0.18	50.37	50.13	22.60	23.16	0.02
30.0	0.24	51.84	52.17	21.65	22.16	0.05
40.0	0.31	67.38	66.29	23.12	23.75	0.12
50.0	0.44	56.02	55.51	22.67	22.19	0.22
60.0	0.70	59.55	61.10	20.61	19.99	0.37
65.0	0.91	68.75	69.82	24.07	23.49	0.49
70.5	1.68	39.87	41.59	17.05	20.04	0.69
71.0	1.89	37.59	39.65	14.77	17.21	0.72
71.5	2.16	35.28	37.86	12.68	14.70	0.75
72.0	2.51	32.79	36.23	10.77	12.44	0.78
73.0	3.62	27.55	33.45	7.49	8.60	0.86
73.5	4.43	24.97	32.41	6.16	7.04	0.91
74.0	5.45	22.48	31.59	5.06	5.71	0.97
75.0	8.15	18.04	30.61	3.52	3.77	1.13
76.0	11.63	14.35	30.48	2.77	2.59	1.39
77.0	15.75	11.30	30.89	2.60	1.91	1.77
78.0	20.38	8.74	31.73	2.86	1.51	2.34
78.5	22.88	7.64	32.29	3.14	1.37	2.72
79.0	25.48	6.64	32.93	3.51	1.26	3.17
79.5	28.18	5.74	33.66	3.98	1.17	3.71
80.0	30.89	4.95	34.46	4.55	1.09	4.33
81.0	36.07	3.66	36.40	5.98	0.97	5.85
82.0	39.93	2.73	38.62	7.80	0.88	7.72
83.0	42.58	2.08	41.02	9.96	0.80	9.94
84.0	45.01	1.64	43.77	12.42	0.74	12.48
85.0	47.41	1.35	46.48	15.16	0.70	15.33
86.0	50.24	1.16	49.39	18.12	0.66	18.53
87.0	53.18	1.02	52.28	21.23	0.62	22.17
88.0	56.33	0.93	55.14	24.16	0.59	26.26
89.0	59.50	0.86	57.96	26.14	0.57	30.19
90.0	61.95	0.80	60.58	26.68	0.55	31.51
100.0	68.58	0.53	70.90	26.59	0.42	27.30
120.0	68.04	0.35	68.49	34.46	0.32	38.72
150.0	68.20	0.28	67.72	25.89	0.24	27.65
200.0	64.53	0.24	65.23	27.39	0.16	28.47
220.0	63.86	0.23	63.99	29.02	0.15	29.98
250.0	62.99	0.23	62.77	32.68	0.12	32.82
280.0	62.05	0.23	62.69	38.76	0.10	35.72
300.0	61.90	0.23	61.71	45.02	0.09	36.31
350.0	60.70	0.23	60.51	35.60	0.08	32.50
400.0	59.63	0.25	59.47	29.67	0.07	28.57
450.0	59.10	0.26	58.54	26.15	0.06	25.77
500.0	58.18	0.28	58.24	23.74	0.07	23.75
550.0	57.34	0.30	57.27	22.06	0.07	22.13
600.0	56.48	0.32	56.77	20.74	0.08	20.89
650.0	55.72	0.35	56.00	19.74	0.10	19.99
700.0	55.52	0.37	55.56	18.98	0.12	19.29
720.0	55.28	0.38	55.38	18.73	0.13	19.08
740.0	55.03	0.39	55.14	18.57	0.14	18.84
750.0	54.65	0.39	55.40	18.43	0.14	18.75
770.0	54.41	0.40	54.62	18.27	0.15	18.64
800.0	54.20	0.41	54.46	18.06	0.17	18.50
850.0	54.04	0.42	53.67	17.92	0.20	18.37
900.0	52.87	0.43	52.96	17.95	0.23	18.46
950.0	52.38	0.44	52.11	18.19	0.26	18.73
1000.0	51.48	0.44	51.07	18.62	0.29	19.26