

## 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	0.05	82.23	91.40	53.72	51.99	0.03
5.0	0.08	78.27	77.00	46.33	49.89	0.03
10.0	0.09	73.74	73.18	39.46	43.70	0.02
23.0	0.13	76.67	77.68	32.00	33.45	0.04
36.0	0.20	61.85	60.40	30.79	30.42	0.10
42.0	0.25	59.42	59.23	29.67	29.70	0.15
49.0	0.35	58.56	57.93	27.05	28.11	0.23
55.0	0.50	60.63	60.75	25.51	26.30	0.31
62.0	0.84	60.58	59.86	28.49	25.34	0.42
63.5	0.97	58.20	57.84	31.14	26.82	0.45
65.0	1.16	59.11	58.45	36.14	34.55	0.48
68.0	2.20	50.60	50.56	14.85	14.02	0.56
69.0	3.29	43.05	45.34	9.92	8.94	0.59
70.5	6.78	32.11	40.97	5.04	4.13	0.67
72.0	12.68	23.32	40.23	2.86	2.05	0.80
73.0	17.57	18.72	40.97	2.29	1.47	0.95
74.5	26.13	13.00	43.40	2.13	1.06	1.40
75.0	29.40	11.35	44.61	2.24	0.98	1.64
76.5	41.35	7.19	50.18	3.16	0.82	2.88
78.0	56.56	4.31	62.26	5.23	0.72	5.17
79.0	58.53	3.09	65.60	7.28	0.67	7.34
80.0	58.15	2.29	60.20	9.79	0.63	9.95
85.0	61.00	1.03	62.57	25.23	0.52	27.14
90.0	63.99	0.75	63.82	29.46	0.47	32.50
112.0	52.85	0.42	52.82	30.57	0.43	28.69
116.0	51.96	0.39	52.09	28.94	0.42	27.45
120.0	51.36	0.38	51.62	27.89	0.42	26.60
124.0	50.94	0.36	51.14	27.13	0.42	26.04
130.0	50.64	0.34	50.74	26.49	0.41	25.52
145.0	50.58	0.30	50.51	26.09	0.40	25.33
150.0	50.79	0.30	50.57	26.21	0.40	25.48
175.0	51.50	0.26	51.41	27.38	0.39	27.51
200.0	52.11	0.24	51.62	28.64	0.37	31.76
220.0	52.47	0.24	51.88	29.36	0.36	36.88
250.0	53.12	0.23	52.56	30.03	0.34	41.07
300.0	53.43	0.23	52.79	30.08	0.34	37.73
325.0	53.36	0.23	53.19	29.77	0.34	33.74
350.0	53.41	0.23	52.91	29.45	0.33	31.46
375.0	53.04	0.23	52.50	29.02	0.32	30.47
400.0	52.76	0.24	52.22	28.54	0.31	30.02
425.0	52.50	0.25	52.00	28.21	0.31	29.08
450.0	52.31	0.25	51.63	27.92	0.31	27.83
475.0	52.04	0.26	51.02	27.40	0.31	26.99
500.0	51.82	0.26	50.57	26.79	0.31	26.77
550.0	51.05	0.27	49.88	26.17	0.29	26.57
600.0	50.62	0.29	49.66	25.52	0.29	25.51
650.0	50.28	0.30	49.57	25.27	0.32	25.57
700.0	50.11	0.32	49.01	25.26	0.30	25.47
750.0	50.00	0.32	49.24	25.61	0.34	24.85
800.0	49.78	0.34	49.88	26.45	0.37	25.44
850.0	49.95	0.36	49.89	27.37	0.38	25.33
900.0	50.24	0.38	50.19	29.39	0.41	25.67
950.0	50.63	0.40	50.01	30.77	0.45	27.16
1000.0	53.60	0.42	47.94	34.24	0.51	26.88
1050.0	52.16	0.44	50.70	34.56	0.51	29.77
1100.0	52.41	0.47	50.59	33.62	0.57	32.17
1150.0	52.60	0.50	50.94	30.36	0.59	37.19
1180.0	52.80	0.53	51.21	28.78	0.61	51.70
1200.0	52.39	0.55	51.50	27.49	0.64	38.51
1220.0	52.81	0.57	51.75	26.33	0.67	34.04