

## 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	0.01	78.50	75.78	48.44	48.60	0.00
3.0	0.03	70.91	73.38	44.16	44.11	0.00
5.0	0.04	68.33	66.48	41.24	42.18	0.00
6.0	0.05	66.31	66.31	40.12	41.28	0.00
7.0	0.05	64.15	64.87	39.23	40.62	0.00
8.0	0.06	64.13	64.22	38.39	40.34	0.00
10.0	0.06	62.59	62.04	36.95	39.42	0.00
12.0	0.07	60.60	60.59	35.75	39.08	0.01
15.0	0.08	59.29	59.26	34.35	38.39	0.00
20.0	0.09	57.31	57.68	32.46	37.51	0.01
25.0	0.11	56.82	57.09	31.18	36.55	0.01
30.0	0.12	56.90	57.00	30.47	35.28	0.02
35.0	0.14	58.49	58.34	30.37	33.94	0.03
40.0	0.16	61.16	61.24	30.85	32.76	0.04
45.0	0.19	64.07	65.33	31.83	32.07	0.06
50.0	0.21	73.04	75.18	32.61	31.73	0.08
55.0	0.25	83.94	78.96	31.88	31.93	0.11
60.0	0.29	68.44	67.53	29.67	32.00	0.14
65.0	0.35	71.19	70.10	27.82	31.84	0.19
70.0	0.42	78.28	76.75	27.22	31.25	0.26
75.0	0.54	66.89	64.14	28.31	30.43	0.34
79.0	0.69	60.77	59.81	30.44	29.30	0.44
85.0	1.19	55.01	55.83	34.05	32.97	0.67
90.0	5.30	44.00	47.20	8.18	5.79	1.06
91.0	9.28	35.09	46.25	5.63	3.08	1.19
92.0	15.14	27.13	46.76	4.33	1.79	1.38
93.0	22.75	20.55	47.88	3.76	1.24	1.67
94.0	32.90	14.96	48.64	3.66	0.98	2.17
95.0	42.91	10.26	48.56	4.14	0.83	3.13
96.0	41.66	6.60	48.02	5.53	0.73	4.97
97.0	43.45	4.16	48.45	8.19	0.66	8.09
98.0	47.28	2.79	49.50	12.16	0.61	12.65
99.0	51.10	2.09	50.86	17.33	0.57	18.90
100.0	52.75	1.72	51.77	24.03	0.54	28.71
101.0	52.85	1.50	52.18	33.52	0.51	40.14
102.0	52.29	1.35	52.41	37.73	0.50	29.34
103.0	52.28	1.24	52.29	33.44	0.48	26.73
104.0	52.51	1.14	53.04	32.24	0.46	25.95
105.0	53.02	1.07	52.78	32.57	0.45	26.03
106.0	53.72	1.00	53.69	33.86	0.44	26.67
107.0	54.83	0.94	54.48	35.88	0.42	27.65
108.0	56.02	0.89	55.60	38.70	0.42	28.86
109.0	57.52	0.85	56.77	41.69	0.41	30.32
110.0	59.50	0.80	58.63	42.92	0.40	32.04
150.0	56.20	0.35	55.34	31.60	0.26	28.38
250.0	52.92	0.25	53.83	36.13	0.12	32.34
300.0	51.23	0.24	51.47	47.92	0.09	44.68
400.0	50.24	0.25	50.47	43.01	0.02	32.74
500.0	50.13	0.26	50.26	41.70	0.02	29.69
600.0	49.71	0.28	49.75	36.91	0.03	29.86
700.0	49.51	0.31	52.19	32.46	0.01	31.45
800.0	49.98	0.33	49.64	30.55	0.03	32.94
900.0	49.91	0.36	49.32	29.98	0.10	32.58
1000.0	50.12	0.39	48.77	30.78	0.19	30.92
1050.0	49.99	0.40	48.42	31.49	0.24	30.19
1100.0	50.06	0.41	48.38	31.94	0.30	29.62
1150.0	50.00	0.43	48.17	32.00	0.35	29.48
1180.0	50.02	0.44	48.22	31.61	0.38	29.42
1200.0	50.14	0.45	48.19	31.41	0.40	29.46
1220.0	50.11	0.46	47.94	31.08	0.42	29.66