

## 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	0.05	82.15	80.18	48.38	47.86	0.01
5	0.08	67.67	67.73	44.83	44.43	0.01
40	0.21	60.39	60.31	33.40	31.22	0.04
50	0.27	71.60	72.50	31.11	30.67	0.07
70	0.49	72.54	72.42	32.70	40.82	0.21
80	0.82	61.48	61.71	28.70	28.49	0.43
81	0.88	63.03	63.14	28.04	27.22	0.46
82	0.95	65.73	65.31	27.50	26.16	0.50
83	1.03	70.14	68.38	27.21	25.32	0.55
84	1.12	76.45	73.02	27.25	24.81	0.61
85	1.24	72.24	88.78	27.77	24.80	0.68
86	1.38	62.46	65.40	29.04	25.68	0.77
87	1.56	52.48	53.90	31.00	28.70	0.89
89	2.20	36.13	37.57	23.42	25.52	1.32
89.5	2.49	32.61	34.05	20.47	20.48	1.52
90	2.89	29.17	30.68	17.85	16.62	1.79
91	4.26	21.51	24.45	13.82	10.74	2.86
92	7.42	12.06	19.97	12.82	6.27	6.51
93	13.76	5.92	20.52	16.55	3.25	19.52
94	20.33	3.88	25.27	16.08	2.01	15.03
95	26.94	3.01	31.23	15.60	1.46	13.76
96	34.49	2.45	37.91	16.53	1.16	14.84
96.5	38.73	2.24	41.68	17.34	1.06	15.77
97	43.39	2.05	45.85	18.34	0.98	16.90
97.75	51.51	1.83	53.43	20.16	0.88	18.87
98	54.54	1.77	56.30	20.83	0.85	19.61
100	58.26	1.39	59.83	28.35	0.69	26.39
101	59.38	1.26	61.68	34.41	0.63	29.49
102	62.58	1.16	68.18	39.66	0.59	30.56
103	64.09	1.08	74.41	34.94	0.55	29.68
104	60.49	1.01	63.56	31.26	0.52	28.53
105	57.16	0.95	59.07	29.12	0.49	27.57
110	52.17	0.74	52.96	26.05	0.41	25.96
120	56.29	0.53	57.19	28.34	0.34	26.26
125	60.74	0.47	62.78	29.21	0.32	26.33
130	64.22	0.43	66.53	28.99	0.31	26.40
140	59.23	0.37	59.94	27.57	0.28	26.44
150	57.08	0.33	57.65	26.90	0.26	26.50
160	57.18	0.30	57.45	26.98	0.25	26.63
170	58.05	0.28	58.22	27.52	0.23	26.86
180	59.23	0.26	59.26	28.28	0.21	26.97
190	60.34	0.25	60.69	29.11	0.19	27.10
200	60.57	0.24	61.71	29.89	0.18	27.10
220	60.28	0.23	61.68	30.60	0.16	26.88
250	58.93	0.22	59.88	29.28	0.12	26.09
300	57.38	0.21	57.43	25.83	0.07	24.28
400	56.87	0.23	56.43	21.94	0.01	21.33
500	57.61	0.25	56.77	19.89	0.02	19.52
600	58.85	0.28	57.65	18.90	0.04	18.57
700	59.91	0.30	58.48	18.60	0.02	18.41
800	58.98	0.32	58.53	18.65	0.01	18.64
900	58.70	0.32	57.63	19.40	0.07	19.64
1000	55.35	0.32	56.01	20.86	0.13	21.99
1050	55.69	0.31	55.52	21.95	0.17	23.84
1150	53.79	0.31	53.71	24.42	0.24	31.50
1200	53.05	0.31	53.03	24.94	0.28	35.50
1205	52.98	0.31	52.88	24.95	0.28	35.37
1210	52.87	0.31	52.73	24.95	0.28	35.13
1215	52.80	0.31	52.68	24.92	0.29	34.67
1220	52.81	0.31	52.60	24.85	0.29	34.21