

## 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
1.000	0.05	85.10	76.44	52.32	52.63	0.04
5.000	0.08	68.49	68.25	44.84	47.51	0.04
10.000	0.09	62.41	61.47	38.14	41.46	0.03
15.000	0.10	59.92	59.58	34.08	37.22	0.03
20.000	0.11	57.77	58.65	31.03	33.75	0.03
30.000	0.15	57.20	57.31	27.18	29.05	0.03
40.000	0.19	60.01	60.81	25.55	26.72	0.03
50.000	0.24	64.51	65.90	26.37	26.78	0.05
60.000	0.30	70.07	70.15	31.55	30.22	0.08
70.000	0.43	62.11	63.92	36.44	28.28	0.14
80.000	0.72	53.57	53.57	30.91	28.23	0.25
82.000	0.83	53.20	52.69	32.54	31.83	0.28
82.500	0.86	53.05	52.40	33.18	33.16	0.29
83.000	0.89	52.96	52.08	33.95	34.50	0.30
84.000	0.98	52.60	52.18	35.76	35.89	0.32
84.500	1.02	52.33	51.87	37.22	35.29	0.34
84.900	1.07	52.28	51.44	38.71	34.59	0.35
85.000	1.08	52.11	51.63	39.29	34.29	0.35
85.500	1.14	51.87	51.14	42.68	33.42	0.36
86.000	1.21	51.57	50.86	50.51	32.91	0.38
87.000	1.39	51.21	50.21	35.48	32.07	0.41
87.500	1.51	51.11	50.01	29.65	30.11	0.43
88.000	1.66	51.57	49.79	25.00	26.26	0.45
89.000	2.18	53.75	49.50	17.37	17.79	0.49
90.000	3.36	52.98	49.10	11.22	10.83	0.54
92.000	11.00	32.67	45.93	4.49	3.27	0.71
92.400	13.59	29.55	45.85	4.01	2.68	0.76
93.000	18.09	25.32	46.30	3.59	2.10	0.85
94.000	27.55	19.01	48.93	3.41	1.58	1.11
94.300	31.11	17.27	50.30	3.46	1.47	1.22
95.000	41.83	13.48	54.03	3.77	1.29	1.63
96.000	48.15	8.83	49.59	4.92	1.11	2.75
98.000	42.28	3.39	42.81	11.63	0.88	8.46
99.000	41.72	2.34	43.07	17.66	0.81	12.94
100.000	43.24	1.82	44.59	26.03	0.75	17.97
102.000	49.49	1.33	50.17	32.26	0.66	28.73
103.000	54.21	1.18	54.16	30.14	0.63	32.13
104.000	60.72	1.08	59.32	29.61	0.61	31.43
104.500	65.70	1.03	63.13	29.55	0.60	30.53
104.900	72.10	1.00	65.51	29.52	0.59	29.84
105.000	75.57	0.99	65.34	29.50	0.59	29.64
109.275	56.94	0.76	58.24	27.42	0.53	25.98
112.855	58.02	0.63	58.76	26.13	0.50	26.01
115.275	61.06	0.57	64.08	26.04	0.49	26.82
118.855	64.39	0.50	73.52	26.76	0.47	28.52
120.000	62.96	0.48	68.13	27.14	0.47	29.21
121.263	60.91	0.46	63.93	27.62	0.47	30.02
124.843	57.39	0.42	58.49	29.19	0.46	32.63
130.000	54.48	0.37	54.60	31.58	0.45	36.40
250.000	60.31	0.18	61.66	31.41	0.36	27.49
500.000	53.40	0.19	52.29	26.80	0.32	26.15
750.000	51.95	0.23	51.58	28.67	0.36	31.17
870.000	53.58	0.25	53.63	32.56	0.40	31.23
900.000	54.05	0.25	53.28	33.94	0.41	30.81
1000.000	54.53	0.28	52.90	42.10	0.46	29.23
1100.000	55.22	0.31	54.17	48.09	0.51	29.22
1150.000	55.23	0.33	54.54	39.93	0.54	30.54
1200.000	54.36	0.35	54.69	35.61	0.57	32.96
1218.000	53.86	0.36	54.48	34.38	0.58	33.97
1225.000	53.85	0.37	54.66	33.95	0.59	34.37