

## 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	0.01	83.62	94.01	49.09	48.16	0.01
5	0.05	82.40	79.67	44.23	41.53	0.02
10	0.07	76.91	76.60	43.25	37.45	0.00
30	0.15	64.86	64.44	29.87	29.02	0.03
40	0.21	57.66	57.32	28.50	30.25	0.08
50	0.34	52.96	52.60	30.83	29.57	0.16
60	0.63	50.65	50.68	28.62	30.02	0.33
61	0.68	50.72	51.11	29.72	32.05	0.35
62	0.74	51.17	51.40	30.97	33.68	0.38
63	0.81	51.67	52.13	31.98	33.37	0.40
64	0.89	52.11	53.10	32.68	32.08	0.44
65	0.99	52.36	54.43	33.88	32.31	0.47
66	1.12	51.78	54.50	34.46	37.75	0.51
67	1.31	50.11	52.61	26.75	31.93	0.55
68	1.62	47.45	49.26	18.84	20.32	0.61
69	2.23	43.54	45.57	12.71	13.16	0.66
70	3.48	38.25	42.75	8.09	8.10	0.73
71	5.73	32.62	40.99	5.00	4.76	0.82
72	9.04	27.53	40.36	3.27	2.86	0.93
73	13.08	23.11	40.56	2.47	1.89	1.08
74	17.59	19.12	41.28	2.18	1.39	1.29
75	22.46	15.43	42.33	2.22	1.13	1.62
76	27.79	11.99	43.75	2.58	0.97	2.16
77	33.82	8.91	45.97	3.35	0.86	3.06
78	40.84	6.35	49.10	4.75	0.79	4.55
79	48.60	4.45	53.82	6.95	0.74	6.80
80	53.28	3.20	59.99	10.01	0.69	9.87
81	54.15	2.45	59.85	13.87	0.66	13.64
82	54.40	2.01	57.42	18.46	0.63	17.98
83	54.86	1.74	56.02	23.84	0.61	22.70
84	55.25	1.56	55.16	30.41	0.59	27.49
85	55.63	1.44	54.49	39.65	0.57	31.50
86	55.43	1.34	54.54	55.82	0.56	33.86
87	55.02	1.26	54.27	41.21	0.54	34.35
88	54.94	1.19	54.00	36.40	0.53	33.70
89	54.32	1.13	53.83	33.20	0.52	32.29
90	53.99	1.08	53.57	30.85	0.51	30.81
91	53.53	1.04	53.31	29.05	0.51	29.44
95	53.04	0.91	53.05	25.07	0.48	26.21
100	53.65	0.80	53.44	23.99	0.46	25.48
110	55.76	0.66	55.46	27.36	0.43	28.49
150	60.46	0.48	60.84	26.09	0.38	27.36
200	65.61	0.42	65.25	24.77	0.35	29.43
250	66.12	0.41	65.65	26.75	0.32	35.19
500	68.32	0.46	67.78	28.01	0.27	26.26
750	71.44	0.55	68.60	24.93	0.33	22.14
1000	69.92	0.64	66.14	25.30	0.42	21.19
1100	70.02	0.69	66.40	25.89	0.48	21.52
1220	68.18	0.74	65.69	26.36	0.55	22.53
1300	68.27	0.79	64.76	26.20	0.61	23.76
1350	66.86	0.82	64.00	25.48	0.65	24.91
1400	68.20	0.83	63.34	25.14	0.69	25.74
1450	66.03	0.86	62.68	24.75	0.74	27.17
1500	64.43	0.89	61.83	24.21	0.78	29.28
1550	63.87	0.93	60.78	23.66	0.84	32.37
1600	62.07	0.99	60.17	23.11	0.91	37.68
1650	60.38	1.04	58.87	22.45	0.99	42.63
1670	59.80	1.07	58.63	22.17	1.04	39.74
1680	59.16	1.08	58.08	22.06	1.06	38.00
1700	58.58	1.11	57.80	21.79	1.10	35.11