

## 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	74.70	75.97	47.89	48.49	0.01
3.0	0.04	67.54	67.52	40.93	42.78	0.00
5.0	0.05	63.02	63.44	37.20	40.02	0.01
10.0	0.08	59.76	60.08	31.82	35.40	0.01
15.0	0.10	61.51	61.21	28.91	31.39	0.02
20.0	0.14	75.58	75.80	28.27	29.53	0.05
25.0	0.18	61.12	60.51	30.75	30.25	0.10
30.0	0.25	57.38	57.21	43.71	37.62	0.18
35.0	0.37	65.59	66.36	31.28	33.73	0.31
40.0	0.65	61.18	61.61	27.25	26.40	0.55
41.0	0.75	61.56	63.85	30.37	29.04	0.61
42.0	0.88	64.39	66.37	35.79	44.79	0.68
43.0	1.13	67.96	74.49	21.99	22.50	0.76
44.0	1.70	68.40	70.95	13.54	13.18	0.85
44.5	2.28	78.15	67.40	10.34	9.80	0.89
45.0	3.21	66.56	63.02	7.70	7.04	0.95
45.5	4.60	54.65	56.04	5.65	4.90	1.01
46.0	6.51	45.24	52.08	4.19	3.37	1.07
47.0	11.76	30.37	45.77	2.66	1.70	1.25
48.0	18.51	19.59	43.17	2.28	1.06	1.58
48.5	22.45	15.20	42.49	2.41	0.90	1.90
49.0	26.95	11.37	42.40	2.81	0.79	2.46
50.0	38.29	5.69	44.17	5.03	0.65	4.90
50.5	44.42	3.93	46.38	7.11	0.61	7.04
51.0	48.83	2.81	49.14	9.82	0.57	9.82
51.5	52.35	2.12	53.61	13.09	0.54	13.13
52.0	55.82	1.71	57.84	16.92	0.51	16.94
52.5	60.25	1.45	64.09	21.44	0.49	21.33
53.0	63.91	1.28	76.36	27.25	0.47	26.52
53.5	64.64	1.16	71.86	36.79	0.45	32.66
54.0	63.90	1.07	66.17	43.52	0.43	35.33
54.5	63.33	1.00	64.95	34.03	0.42	32.67
55.0	63.33	0.94	63.98	30.73	0.41	30.62
56.0	64.25	0.84	65.10	28.26	0.39	28.85
57.0	65.99	0.77	65.54	27.70	0.37	28.76
58.0	66.47	0.71	65.17	27.88	0.36	29.37
59.0	65.97	0.66	66.75	28.39	0.35	30.38
60.0	64.63	0.62	65.93	29.11	0.34	31.92
100.0	62.68	0.32	61.92	31.42	0.30	27.57
150.0	69.97	0.28	71.46	41.57	0.28	33.17
250.0	64.78	0.29	65.75	31.53	0.25	39.87
350.0	61.19	0.33	60.71	30.72	0.25	34.05
450.0	58.46	0.37	57.54	29.58	0.24	31.17
500.0	56.93	0.39	56.99	28.60	0.23	30.07
550.0	56.49	0.41	56.52	27.61	0.23	29.29
600.0	56.04	0.43	56.49	26.91	0.23	28.46
950.0	56.88	0.62	56.14	25.96	0.41	25.14
700.0	59.09	0.49	53.88	25.81	0.27	27.13
750.0	56.09	0.51	55.37	25.34	0.28	26.45
800.0	56.26	0.54	55.68	25.22	0.30	25.92
850.0	56.64	0.56	55.76	25.41	0.33	25.64
900.0	56.37	0.59	56.31	25.67	0.37	25.34
950.0	56.88	0.62	56.14	25.96	0.41	25.14
1000.0	56.85	0.66	55.61	26.33	0.45	25.26
1050.0	56.70	0.71	55.79	26.82	0.49	25.59
1100.0	56.25	0.78	55.46	27.35	0.53	26.61
1150.0	55.37	0.89	54.55	28.26	0.58	29.09
1180.0	55.02	0.99	53.98	29.11	0.60	32.08
1200.0	54.67	1.07	53.84	29.81	0.62	35.49
1220.0	54.43	1.17	53.60	30.43	0.64	39.20