

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	0.00	76.13	83.05	47.68	47.14	0.06
3.0	0.04	67.47	66.40	41.69	40.97	0.05
5.0	0.05	63.21	63.34	39.14	37.66	0.03
6.0	0.06	61.70	61.79	38.25	36.60	0.03
7.0	0.07	60.60	60.44	37.61	35.57	0.03
8.0	0.07	59.76	60.10	37.20	34.81	0.02
10.0	0.09	58.89	59.00	36.46	33.46	0.01
12.0	0.10	59.04	59.07	35.61	32.28	0.01
15.0	0.12	59.61	60.46	33.77	30.77	0.01
20.0	0.16	69.68	71.97	29.57	28.51	0.04
22.0	0.17	83.45	76.80	28.34	27.95	0.06
24.0	0.19	66.46	66.60	27.53	27.72	0.08
26.0	0.21	62.35	62.51	27.26	28.04	0.10
28.0	0.23	59.70	60.33	27.79	29.11	0.13
30.0	0.26	59.26	60.28	29.44	31.61	0.17
32.0	0.30	61.89	62.17	33.43	36.74	0.22
34.0	0.34	71.78	73.24	47.27	40.25	0.28
36.0	0.40	66.16	66.38	35.82	32.41	0.35
38.0	0.49	57.35	58.22	29.20	28.54	0.44
40.0	0.61	55.59	55.87	27.32	27.54	0.55
42.0	0.81	58.69	59.11	28.07	26.51	0.69
43.0	0.97	61.80	61.98	25.31	22.95	0.77
44.0	1.26	59.15	60.30	19.23	17.98	0.87
45.0	1.89	48.69	49.63	12.96	12.61	0.99
46.0	3.51	35.51	40.50	7.52	7.48	1.16
46.5	5.10	29.12	37.20	5.45	5.38	1.27
47.0	7.43	23.29	34.84	3.99	3.80	1.43
47.5	10.55	18.25	33.31	3.17	2.73	1.67
48.0	14.43	13.95	32.65	2.91	2.06	2.07
48.5	19.09	10.35	32.66	3.18	1.65	2.73
49.0	24.56	7.43	33.46	4.00	1.39	3.79
49.5	30.68	5.22	35.02	5.44	1.20	5.40
50.0	36.57	3.69	37.46	7.50	1.07	7.59
51.0	44.74	2.08	44.60	13.19	0.88	13.44
52.0	54.97	1.46	55.63	20.54	0.74	20.84
53.0	63.22	1.17	64.81	30.66	0.65	30.41
54.0	58.12	1.01	59.21	47.59	0.58	42.23
55.0	58.55	0.90	58.60	35.59	0.53	38.05
58.0	68.02	0.70	69.23	33.07	0.44	41.92
60.0	71.60	0.62	78.36	33.58	0.41	52.76
65.0	65.74	0.50	67.29	31.06	0.36	32.89
70.0	70.39	0.45	70.85	29.18	0.35	29.53
75.0	79.36	0.41	84.56	28.77	0.34	28.44
100.0	67.17	0.34	67.78	33.95	0.33	28.55
150.0	67.10	0.31	67.20	55.13	0.27	30.35
250.0	64.72	0.32	64.06	55.94	0.23	35.75
300.0	63.36	0.33	62.02	51.40	0.20	37.58
400.0	60.31	0.36	59.43	43.15	0.18	40.03
500.0	58.19	0.39	57.21	37.81	0.18	38.77
600.0	55.14	0.42	54.68	34.96	0.15	36.21
700.0	53.67	0.45	53.21	34.99	0.19	33.94
800.0	51.65	0.49	51.20	35.10	0.28	31.89
900.0	50.82	0.52	50.22	33.34	0.31	30.95
1000.0	49.94	0.56	49.13	30.57	0.43	30.02
1050.0	49.32	0.58	48.55	28.36	0.47	29.84
1100.0	49.10	0.60	48.26	26.40	0.56	30.25
1150.0	48.67	0.63	47.79	24.58	0.58	30.40
1180.0	48.47	0.65	47.64	23.61	0.60	30.42
1200.0	48.20	0.67	47.61	23.09	0.63	30.53
1220.0	48.13	0.69	47.41	22.65	0.67	30.72