

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	0.05	73.91	74.86	50.41	51.30	0.04
3.0	0.07	67.35	66.05	45.68	46.16	0.03
5.0	0.08	63.24	62.85	41.37	41.84	0.03
10.0	0.10	59.73	59.71	34.98	35.43	0.03
15.0	0.12	61.17	61.13	31.72	32.03	0.04
20.0	0.15	72.09	73.47	30.52	30.78	0.05
25.0	0.18	64.25	64.48	31.39	31.41	0.09
30.0	0.25	61.86	62.01	33.55	31.57	0.15
35.0	0.36	67.15	68.48	35.74	32.51	0.26
40.0	0.63	59.76	59.92	29.56	29.36	0.47
41.0	0.73	60.48	59.11	28.29	27.44	0.54
42.0	0.87	58.07	57.13	31.43	29.04	0.62
43.0	1.09	54.26	54.06	32.03	29.75	0.70
44.0	1.62	53.85	53.00	15.91	15.40	0.81
44.5	2.23	56.35	54.90	11.29	10.75	0.87
45.0	3.31	64.22	58.66	7.76	7.17	0.93
45.5	5.05	54.70	58.07	5.25	4.60	1.01
46.0	7.50	42.47	51.42	3.64	2.94	1.09
47.0	14.02	26.88	45.39	2.27	1.40	1.33
48.0	22.03	16.39	43.43	2.17	0.89	1.80
48.5	26.71	12.25	43.47	2.51	0.76	2.29
49.0	32.10	8.81	44.23	3.24	0.68	3.12
50.0	44.89	4.21	47.74	6.41	0.57	6.39
50.5	49.90	2.97	50.67	8.88	0.53	8.88
51.0	53.11	2.22	54.23	11.79	0.50	11.78
51.5	55.88	1.76	57.99	15.03	0.47	14.98
52.0	58.59	1.47	61.78	18.61	0.45	18.47
52.5	62.89	1.28	65.15	22.59	0.43	22.28
53.0	64.74	1.15	68.14	27.30	0.42	26.63
53.5	69.23	1.05	71.69	33.51	0.40	31.84
54.0	74.70	0.97	75.46	45.64	0.39	38.31
54.5	72.16	0.91	80.28	44.27	0.38	40.18
55.0	77.39	0.86	80.89	37.02	0.37	36.61
56.0	81.15	0.78	93.23	32.86	0.35	32.56
57.0	83.62	0.72	80.98	31.58	0.34	30.94
58.0	76.11	0.66	81.60	31.43	0.33	30.21
59.0	72.39	0.62	73.84	31.77	0.32	29.85
60.0	70.87	0.59	69.62	32.27	0.32	29.65
100.0	61.30	0.30	60.30	29.58	0.29	38.18
150.0	62.73	0.26	63.15	29.02	0.26	36.59
250.0	58.04	0.26	57.48	27.50	0.23	30.19
350.0	54.84	0.29	54.58	26.45	0.23	27.70
450.0	53.23	0.32	52.31	25.63	0.23	26.71
500.0	52.33	0.34	51.80	25.22	0.23	26.35
550.0	51.74	0.36	51.36	24.80	0.23	26.20
600.0	51.35	0.37	50.96	24.51	0.25	26.26
950.0	51.47	0.54	52.36	26.49	0.41	26.36
700.0	50.98	0.41	50.22	24.45	0.29	26.13
750.0	50.84	0.43	50.43	24.82	0.31	26.33
800.0	50.77	0.45	50.77	25.13	0.34	26.20
850.0	50.68	0.48	51.13	25.59	0.36	26.16
900.0	50.73	0.51	51.48	25.85	0.39	26.38
950.0	51.47	0.54	52.36	26.49	0.41	26.36
1000.0	52.18	0.58	53.15	26.76	0.45	26.31
1050.0	52.94	0.64	54.19	26.69	0.48	26.60
1100.0	53.37	0.71	56.00	26.19	0.52	27.66
1150.0	54.08	0.77	58.15	25.76	0.55	28.67
1180.0	54.79	0.82	58.44	25.28	0.57	29.22
1200.0	55.11	0.86	58.53	24.83	0.59	29.68
1220.0	55.00	0.90	58.94	24.33	0.61	30.15