

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	88.53	93.67	51.69	52.76	0.00
5.0	0.04	77.33	78.25	47.68	48.78	0.00
10.0	0.06	74.57	73.35	45.27	47.79	0.01
15.0	0.07	75.14	71.78	42.83	46.75	0.01
20.0	0.09	76.33	74.28	40.04	42.18	0.02
25.0	0.11	70.97	70.11	37.40	38.41	0.04
35.0	0.17	61.18	60.29	34.31	34.49	0.09
40.0	0.22	59.56	59.00	34.88	34.96	0.13
45.0	0.28	58.84	58.73	38.55	37.39	0.18
50.0	0.36	59.02	58.58	56.48	41.64	0.24
60.0	0.74	61.62	61.03	26.29	26.19	0.43
65.0	1.29	59.59	58.14	30.96	29.11	0.55
70.0	8.37	32.04	42.96	3.66	3.15	0.77
70.5	10.20	28.93	42.48	3.07	2.54	0.81
71.0	12.20	26.06	42.09	2.65	2.10	0.86
72.0	16.60	21.03	42.25	2.18	1.55	1.00
72.5	19.00	18.77	42.49	2.07	1.38	1.10
73.0	21.53	16.64	43.01	2.02	1.24	1.23
74.0	27.08	12.75	44.55	2.14	1.06	1.63
74.5	30.18	11.00	45.51	2.32	0.99	1.94
75.0	33.60	9.37	46.91	2.60	0.94	2.34
76.0	41.67	6.61	51.16	3.56	0.85	3.54
77.0	52.18	4.54	58.52	5.14	0.78	5.41
78.0	58.29	3.15	67.82	7.36	0.72	7.98
79.0	57.58	2.29	60.17	10.07	0.68	11.21
80.0	57.28	1.79	57.76	13.04	0.64	15.01
82.0	58.61	1.29	58.92	18.69	0.58	24.84
84.0	61.33	1.06	62.74	22.03	0.54	49.25
85.0	62.23	0.99	65.48	22.77	0.53	37.94
86.0	62.40	0.92	66.87	23.21	0.52	33.37
87.0	62.22	0.87	65.37	23.52	0.50	31.48
88.0	62.11	0.83	64.96	23.82	0.49	30.56
90.0	61.33	0.75	63.03	24.41	0.48	29.92
92.0	61.09	0.70	61.41	24.96	0.47	29.75
94.0	61.90	0.65	60.87	25.35	0.46	29.50
95.0	61.47	0.63	59.76	25.50	0.46	29.37
96.0	61.21	0.61	59.97	25.65	0.45	29.08
97.0	60.33	0.60	59.71	25.69	0.45	28.88
98.0	60.06	0.58	58.72	25.73	0.45	28.64
100.0	58.96	0.55	57.32	25.71	0.44	28.09
110.0	53.72	0.47	53.26	24.94	0.44	26.43
120.0	51.40	0.41	51.16	24.44	0.44	26.27
125.0	51.03	0.39	50.68	24.37	0.44	26.56
150.0	50.68	0.34	49.96	24.82	0.44	29.78
175.0	51.36	0.31	51.20	25.48	0.44	33.87
200.0	51.97	0.30	51.68	26.03	0.43	35.67
250.0	53.08	0.29	53.15	27.16	0.42	33.76
300.0	54.07	0.30	53.94	27.95	0.40	31.96
350.0	54.54	0.31	53.97	28.97	0.39	30.89
500.0	53.24	0.36	52.24	28.71	0.36	28.70
600.0	52.62	0.41	51.50	26.60	0.36	27.26
700.0	51.65	0.45	51.20	25.10	0.38	25.68
800.0	52.12	0.50	51.02	24.54	0.41	24.45
900.0	52.74	0.54	52.09	25.33	0.46	24.11
1000.0	54.20	0.58	51.65	26.53	0.54	24.47
1100.0	55.22	0.63	54.69	25.90	0.61	26.46
1105.0	55.39	0.63	54.83	25.80	0.62	26.57
1110.0	55.64	0.64	54.92	25.71	0.62	26.68
1115.0	55.39	0.64	54.92	25.62	0.63	26.81
1220.0	55.90	0.72	56.61	22.29	0.72	27.56