

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	0.06	81.58	80.00	52.42	52.43	0.06
3.0	0.08	71.49	70.58	49.84	49.80	0.06
5.0	0.08	67.54	68.01	47.05	47.66	0.05
10.0	0.09	62.69	62.11	41.78	43.62	0.04
15.0	0.10	59.59	59.28	38.98	40.82	0.04
20.0	0.12	58.87	58.64	37.66	39.21	0.03
25.0	0.13	58.65	58.80	37.45	38.53	0.03
30.0	0.14	60.82	60.56	39.01	38.47	0.03
35.0	0.16	64.56	65.53	44.27	38.35	0.03
40.0	0.17	76.16	79.59	50.10	36.69	0.03
45.0	0.20	63.67	64.07	37.42	33.74	0.04
50.0	0.22	57.73	57.47	31.62	30.59	0.05
55.0	0.26	53.99	54.19	28.11	28.09	0.07
60.0	0.30	51.97	52.04	26.06	26.59	0.09
65.0	0.36	51.13	51.17	25.47	26.48	0.12
70.0	0.43	50.14	50.09	26.91	29.14	0.16
75.0	0.53	49.03	48.85	30.10	47.21	0.22
80.0	0.71	48.11	47.95	26.66	29.13	0.31
81.0	0.76	48.24	48.03	26.01	28.07	0.33
82.0	0.81	48.57	48.45	25.63	27.77	0.36
83.4	0.91	48.94	48.79	25.55	29.11	0.40
85.0	1.06	48.85	49.10	24.07	31.72	0.46
86.0	1.21	47.21	48.49	20.89	25.67	0.50
88.0	1.83	38.84	42.37	13.06	14.43	0.62
90.0	3.68	26.93	30.62	6.91	7.49	0.82
90.6	4.78	23.42	26.86	5.58	6.16	0.94
92.0	9.52	15.91	18.08	3.56	5.62	1.52
94.0	10.49	10.20	14.77	3.77	6.25	2.60
95.0	13.13	7.32	18.01	4.53	2.78	3.47
98.0	26.32	2.23	28.79	12.95	0.99	12.40
100.0	36.10	1.42	36.83	22.57	0.76	24.95
102.0	44.86	1.13	44.66	24.72	0.64	28.41
105.0	54.78	0.90	54.95	24.91	0.55	25.62
109.2	60.35	0.70	63.69	31.45	0.49	31.41
110.0	59.73	0.67	63.60	33.33	0.48	33.10
112.0	58.86	0.62	62.55	38.35	0.47	36.18
115.0	57.96	0.55	61.14	37.50	0.45	33.93
119.0	56.44	0.49	58.96	34.33	0.44	31.16
121.0	56.01	0.46	57.75	33.99	0.44	30.76
125.0	54.87	0.42	55.77	35.17	0.44	31.22
150.0	52.22	0.29	51.62	32.61	0.45	32.90
200.0	60.17	0.22	59.07	29.09	0.46	25.86
250.0	59.51	0.20	59.72	30.27	0.45	26.79
300.0	56.82	0.20	57.06	29.72	0.44	27.21
500.0	52.72	0.24	52.20	25.46	0.40	24.88
650.0	51.59	0.28	50.83	25.46	0.38	26.40
700.0	50.04	0.30	50.23	25.72	0.41	27.25
750.0	51.95	0.31	51.90	26.06	0.43	28.28
800.0	52.01	0.33	51.32	26.75	0.43	29.10
850.0	52.27	0.34	51.09	28.09	0.44	29.16
900.0	52.14	0.35	51.16	30.30	0.46	29.90
950.0	52.46	0.36	51.45	34.08	0.50	30.64
1000.0	52.98	0.38	52.14	41.05	0.54	29.68
1002.0	53.02	0.38	52.08	41.39	0.54	29.61
1050.0	53.17	0.39	51.95	39.38	0.59	28.98
1100.0	53.71	0.41	52.09	32.89	0.64	28.25
1150.0	53.95	0.43	52.71	29.31	0.70	27.68
1200.0	54.05	0.46	53.07	26.81	0.75	29.48
1218.0	54.31	0.47	52.89	26.01	0.77	30.53
1220.0	54.04	0.47	53.19	25.93	0.77	30.67