

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	76.90	77.49	50.71	50.56	0.02
3.0	0.07	68.03	67.30	45.01	45.40	0.02
5.0	0.07	63.29	63.56	41.83	42.55	0.02
6.0	0.08	61.71	61.97	40.72	41.61	0.02
7.0	0.08	60.31	61.25	39.85	40.98	0.02
8.0	0.08	59.45	59.66	39.01	40.05	0.02
10.0	0.09	57.64	58.30	37.39	38.98	0.02
12.0	0.09	56.61	56.41	36.07	38.07	0.02
15.0	0.10	54.89	55.48	34.56	36.92	0.02
20.0	0.11	53.57	53.88	32.56	35.34	0.03
25.0	0.12	53.25	53.72	31.14	34.00	0.04
30.0	0.13	54.06	54.35	30.13	32.91	0.06
80.0	0.55	51.08	50.77	29.09	28.19	0.90
82.0	0.61	54.85	53.07	29.18	30.32	1.09
83.0	0.65	54.34	52.81	29.87	32.74	1.23
84.0	0.69	50.99	51.94	31.37	37.87	1.42
85.0	0.74	47.69	52.09	34.10	48.55	1.68
87.0	0.89	37.06	41.34	31.13	26.39	2.71
88.0	1.01	29.66	32.17	25.22	21.64	3.66
89.0	1.19	22.73	25.09	20.67	17.68	4.68
89.0	1.19	22.73	25.09	20.67	17.68	4.68
90.0	1.50	17.15	20.02	17.07	14.07	4.80
91.0	1.98	13.10	16.77	14.15	10.84	4.13
92.0	2.69	10.19	14.72	11.81	8.22	3.79
93.0	3.60	8.15	13.33	10.03	6.29	3.98
94.0	4.61	6.96	12.22	8.71	5.12	4.49
95.0	5.42	6.95	11.10	7.67	4.88	5.07
96.0	6.23	8.53	10.25	7.27	5.49	6.18
97.0	10.16	4.81	12.85	10.81	3.11	11.55
98.0	17.77	2.26	19.47	18.74	1.32	23.84
99.0	25.62	1.58	26.55	26.23	0.85	39.86
100.0	33.50	1.30	33.58	29.99	0.68	29.55
101.0	42.83	1.14	40.80	31.87	0.59	28.45
102.0	57.10	1.02	47.19	34.17	0.54	29.04
103.0	51.22	0.94	48.66	37.33	0.50	30.44
104.0	48.13	0.87	47.90	39.91	0.47	32.32
105.0	47.39	0.82	47.78	38.70	0.45	34.75
106.0	47.63	0.77	48.03	36.06	0.43	37.68
107.0	48.16	0.73	48.61	33.87	0.42	41.25
108.0	49.32	0.70	49.46	32.21	0.41	45.39
109.0	50.10	0.67	50.34	31.07	0.40	47.63
110.0	51.24	0.64	51.35	30.18	0.39	45.95
113.0	54.90	0.58	54.00	28.85	0.37	40.25
120.0	56.34	0.48	55.79	29.00	0.34	37.65
150.0	52.86	0.31	52.82	41.67	0.26	41.03
250.0	53.83	0.23	54.54	34.47	0.12	34.30
300.0	51.42	0.23	51.70	32.49	0.08	30.46
400.0	50.20	0.23	50.43	31.00	0.03	28.20
500.0	49.90	0.25	49.83	30.76	0.01	28.52
600.0	49.50	0.26	49.55	31.12	0.00	30.36
700.0	45.29	0.29	48.45	32.50	0.08	34.51
800.0	50.14	0.30	50.08	35.06	0.05	43.20
900.0	49.70	0.32	49.18	39.36	0.10	37.05
1000.0	50.37	0.35	49.57	36.79	0.16	30.61
1050.0	49.88	0.37	49.13	33.53	0.19	28.64
1100.0	49.80	0.39	49.01	31.24	0.22	27.35
1150.0	49.51	0.41	48.49	29.52	0.25	26.44
1180.0	50.17	0.43	48.83	28.69	0.27	26.36
1200.0	49.81	0.45	47.54	28.10	0.29	25.96
1220.0	49.51	0.45	47.91	27.92	0.30	25.85