

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
1.000	0.05	80.52	84.75	51.36	51.93	0.04
5.000	0.09	67.60	67.43	41.87	43.17	0.04
10.000	0.10	61.55	61.44	35.56	36.98	0.03
15.000	0.11	58.26	58.63	31.80	33.22	0.03
20.000	0.12	57.18	58.14	29.31	30.68	0.03
30.000	0.15	56.00	55.18	26.59	27.78	0.02
40.000	0.19	57.04	57.54	26.13	27.02	0.02
50.000	0.24	60.97	62.83	28.37	29.13	0.04
60.000	0.30	69.47	69.67	37.23	35.56	0.07
70.000	0.43	60.23	60.47	37.67	28.90	0.12
80.000	0.73	56.88	56.16	30.39	28.30	0.23
82.000	0.84	56.66	55.44	29.63	30.41	0.27
82.500	0.88	56.22	54.96	29.32	31.05	0.28
83.000	0.92	55.42	54.55	28.99	31.61	0.29
84.000	1.00	54.49	53.97	28.06	32.38	0.31
84.500	1.06	53.64	53.14	27.39	32.29	0.32
84.900	1.10	52.97	52.77	26.73	31.86	0.34
85.000	1.11	52.81	52.79	26.58	31.80	0.34
85.500	1.18	52.00	51.81	25.65	30.80	0.35
86.000	1.26	51.36	51.54	24.57	29.34	0.37
87.000	1.46	50.32	50.90	22.04	25.32	0.40
87.500	1.59	50.16	50.53	20.57	22.89	0.42
88.000	1.77	50.26	50.47	18.97	20.23	0.44
89.000	2.35	52.41	51.73	15.28	14.63	0.49
90.000	3.62	59.20	53.04	11.19	9.29	0.54
92.000	11.74	33.57	47.05	5.37	2.81	0.72
92.400	14.57	29.82	46.88	4.85	2.29	0.77
93.000	19.56	24.91	47.44	4.35	1.80	0.88
94.000	30.55	18.09	50.57	4.01	1.36	1.17
94.300	34.88	16.31	51.09	4.02	1.28	1.30
95.000	47.03	12.54	50.54	4.24	1.13	1.77
96.000	47.61	8.17	45.79	5.28	0.98	2.99
98.000	41.45	3.26	42.40	10.97	0.80	8.54
99.000	41.75	2.27	43.30	15.63	0.74	12.91
100.000	43.86	1.75	45.31	21.39	0.69	18.35
102.000	50.81	1.28	51.69	29.72	0.62	33.26
103.000	55.52	1.15	56.06	27.51	0.59	28.90
104.000	62.87	1.05	62.98	25.84	0.57	25.58
104.500	68.63	1.01	67.10	25.23	0.56	24.59
104.900	70.74	0.98	69.35	24.85	0.56	24.02
105.000	70.12	0.97	69.48	24.78	0.55	23.83
109.275	55.77	0.75	57.45	23.25	0.51	22.34
112.855	56.63	0.62	58.66	23.41	0.48	23.36
115.275	58.23	0.56	60.76	24.00	0.47	24.57
118.855	61.37	0.49	65.49	25.46	0.46	26.89
120.000	61.01	0.47	65.47	26.05	0.46	27.84
121.263	60.76	0.46	65.37	26.77	0.46	28.98
124.843	58.89	0.41	59.58	29.24	0.46	33.02
130.000	55.97	0.36	56.28	33.02	0.45	40.15
250.000	60.93	0.17	62.95	43.11	0.39	33.29
500.000	54.46	0.20	53.47	24.93	0.36	24.27
750.000	49.70	0.25	56.12	25.40	0.40	27.81
870.000	52.28	0.26	51.69	29.23	0.43	30.32
900.000	52.07	0.26	51.54	30.96	0.45	31.02
1000.000	52.01	0.28	51.11	35.75	0.49	32.78
1100.000	50.85	0.31	51.01	30.59	0.54	35.87
1150.000	50.06	0.33	50.67	27.71	0.57	38.34
1200.000	49.15	0.35	50.11	25.42	0.60	34.62
1218.000	48.96	0.36	49.99	24.64	0.60	32.26
1225.000	48.64	0.36	50.09	24.40	0.61	31.35