

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	0.02	81.96	74.17	49.66	53.33	0.00
5	0.04	65.91	64.05	44.07	43.46	0.00
10	0.07	58.79	58.70	38.43	38.42	0.00
30	0.14	53.84	53.72	31.32	31.17	0.02
40	0.18	56.02	56.38	33.17	31.93	0.05
50	0.23	60.14	61.22	41.08	34.52	0.09
60	0.32	60.54	60.74	30.38	29.32	0.16
65	0.38	60.30	59.51	26.90	26.38	0.21
70	0.47	57.17	56.36	25.02	24.56	0.27
75	0.60	52.48	52.16	24.37	24.37	0.37
76	0.64	51.79	51.43	24.37	24.57	0.39
77	0.68	50.97	50.92	24.36	24.77	0.42
78	0.72	50.56	50.57	24.33	24.96	0.45
79	0.77	50.05	50.29	24.21	25.11	0.48
80	0.82	49.80	50.28	24.00	25.02	0.52
81	0.88	49.61	50.45	23.71	24.68	0.56
82	0.96	49.68	50.84	23.36	24.02	0.61
83	1.05	49.83	51.66	23.02	23.26	0.67
84	1.15	49.79	52.64	22.91	22.62	0.73
85	1.28	49.54	53.40	23.43	22.29	0.81
86	1.44	48.95	52.86	25.31	22.77	0.90
87	1.67	48.03	50.64	32.41	24.15	1.02
88	2.01	46.80	47.62	28.75	22.21	1.18
89	2.68	44.72	44.31	16.96	15.09	1.38
90	4.09	40.76	41.14	10.51	9.09	1.66
91	6.86	33.95	38.68	6.60	5.13	2.05
92	11.24	25.94	37.56	4.67	2.96	2.68
93	17.05	18.50	37.84	4.06	1.93	3.69
94	24.34	12.30	40.16	4.43	1.44	5.37
95	33.78	7.82	46.26	5.79	1.16	7.68
96	44.61	5.13	63.04	7.96	0.99	9.91
97	46.63	3.64	53.01	10.46	0.86	11.76
98	48.01	2.78	50.70	13.14	0.78	13.72
99	52.00	2.24	51.21	16.06	0.71	16.01
100	57.90	1.88	51.98	19.33	0.65	18.57
101	56.13	1.63	51.22	23.05	0.60	21.17
102	51.54	1.44	49.68	27.04	0.56	23.29
103	48.92	1.30	48.31	29.94	0.53	24.58
104	47.36	1.19	47.25	30.27	0.51	25.03
105	46.32	1.10	46.54	29.20	0.48	25.21
106	45.85	1.03	46.09	28.19	0.46	25.32
107	45.56	0.96	45.95	27.71	0.44	25.66
108	45.58	0.90	45.95	27.55	0.43	26.14
109	45.82	0.85	46.12	27.71	0.41	26.87
110	46.17	0.81	46.41	28.17	0.40	27.80
120	52.46	0.55	50.95	37.92	0.33	30.54
125	50.74	0.48	50.24	30.24	0.31	26.37
250	57.72	0.23	57.41	26.82	0.23	27.22
300	61.31	0.22	61.64	30.31	0.24	29.60
500	55.70	0.27	55.60	26.48	0.34	25.47
750	51.09	0.33	51.12	24.81	0.46	24.72
1000	47.84	0.38	47.88	28.68	0.58	29.94
1050	47.31	0.39	47.30	29.49	0.59	32.33
1100	46.77	0.41	46.69	30.20	0.63	36.23
1150	46.38	0.42	46.04	29.90	0.63	42.41
1200	45.81	0.43	45.44	29.01	0.64	40.68
1220	45.67	0.44	45.26	28.50	0.66	37.78
1300	44.90	0.47	44.32	26.34	0.65	30.00
1350	44.49	0.49	43.82	24.93	0.63	27.41
1400	44.05	0.52	43.28	23.70	0.63	25.16