

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	0.31	107.59	104.45	28.63	28.90	0.00
2	0.32	113.24	99.71	28.41	29.42	0.01
5	0.35	89.79	89.38	27.06	32.46	0.03
8	0.41	71.10	72.02	26.13	35.12	0.08
10	0.45	61.63	61.80	26.43	33.04	0.12
12	0.51	53.40	53.62	28.34	31.00	0.19
15	0.62	42.51	43.14	50.68	28.14	0.33
18	0.79	32.85	34.07	22.37	20.33	0.58
20	1.02	27.41	28.59	16.26	15.24	0.86
24	2.17	20.32	18.89	9.15	8.23	2.10
27	4.58	9.94	13.75	7.92	4.72	5.96
29	8.90	4.15	14.18	11.57	2.26	15.11
31	14.27	2.26	17.42	16.74	1.17	20.68
34	20.66	1.43	22.84	19.41	0.70	17.65
38	27.48	1.00	29.19	21.34	0.50	19.74
40	30.59	0.87	32.04	22.62	0.45	21.32
44	36.35	0.69	37.33	25.36	0.37	24.09
47	40.35	0.60	41.08	27.33	0.33	25.10
50	44.17	0.53	44.68	29.02	0.30	25.28
52	46.66	0.50	47.09	29.99	0.28	25.20
55	50.44	0.45	50.74	31.21	0.26	24.98
58	54.38	0.41	54.80	32.00	0.24	24.77
62	60.38	0.37	61.28	32.80	0.22	24.69
65	66.01	0.34	68.18	33.26	0.21	24.73
67	70.23	0.33	76.22	33.52	0.20	24.78
71	71.01	0.30	74.07	33.91	0.18	24.98
73	68.80	0.29	69.44	34.13	0.18	25.12
77	65.36	0.27	65.55	34.52	0.16	25.43
81	63.46	0.25	63.65	34.87	0.15	25.81
85	62.45	0.23	62.51	35.30	0.14	26.20
88	61.91	0.22	61.97	35.60	0.14	26.51
94	61.26	0.20	61.36	36.18	0.13	27.22
99	60.94	0.19	60.97	36.67	0.12	27.81
155	61.96	0.11	61.84	45.98	0.06	35.51
210	62.87	0.08	62.80	55.25	0.04	45.32
315	63.71	0.07	63.48	48.07	0.03	46.71
540	62.67	0.08	62.67	40.12	0.03	39.53
760	60.83	0.09	60.95	35.29	0.04	37.04
900	59.97	0.10	60.16	33.06	0.04	35.00
1010	59.05	0.11	59.41	31.45	0.04	33.73
1140	58.00	0.12	58.31	30.07	0.05	32.24
1210	57.05	0.13	57.64	29.25	0.05	31.54
1300	55.33	0.14	55.94	28.45	0.06	30.12
1360	58.25	0.16	59.09	27.82	0.07	28.58
1440	57.94	0.15	58.65	26.44	0.07	28.06
1560	56.05	0.17	56.61	25.16	0.10	26.86
1620	54.83	0.18	55.41	24.48	0.20	26.10
1680	56.77	0.25	57.15	23.11	0.40	25.93
1720	58.37	0.22	58.45	23.68	0.20	25.93
1800	57.84	0.22	58.21	22.95	0.12	24.37
1860	57.03	0.24	57.64	22.53	0.11	23.67
1910	56.50	0.26	57.27	21.92	0.11	22.84
2000	55.95	0.35	56.67	21.34	0.11	21.19
2040	55.72	0.45	56.37	21.40	0.12	20.08
2070	55.67	0.57	56.35	22.06	0.12	19.12
2100	55.81	0.73	56.27	23.64	0.12	18.11
2130	55.92	0.81	56.48	27.25	0.13	17.77
2150	55.85	0.77	56.54	29.25	0.13	18.05
2180	55.66	0.63	56.45	27.02	0.14	18.92
2200	55.52	0.55	56.32	25.33	0.14	19.61