

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	0.04	76.19	75.52	46.46	47.21	0.02
3	0.06	66.88	66.28	39.95	40.75	0.02
5	0.08	62.96	62.68	36.55	37.80	0.02
10	0.10	58.76	58.83	31.99	34.11	0.03
20	0.15	67.38	66.40	29.04	29.74	0.07
30	0.24	59.61	59.68	29.15	27.39	0.21
40	0.55	68.16	68.89	28.57	26.99	0.58
42	0.73	77.07	73.61	26.13	24.80	0.70
42.5	0.79	74.08	73.01	26.55	25.94	0.73
43	0.87	75.98	71.84	26.86	28.59	0.77
44.5	1.37	51.98	51.61	16.71	17.61	0.89
45.5	2.57	40.72	40.35	9.25	8.78	1.01
46	3.86	33.91	36.39	6.59	5.82	1.09
47	8.60	19.25	31.19	3.73	2.37	1.45
47.5	12.18	13.40	29.89	3.49	1.57	1.93
48	16.74	8.74	29.52	4.15	1.12	2.96
49	28.73	3.36	32.23	9.11	0.73	8.03
49.5	34.02	2.28	35.15	13.39	0.65	12.04
50	37.91	1.73	38.60	18.70	0.59	16.67
52	55.45	1.02	56.91	33.27	0.46	28.85
54	70.61	0.78	72.26	30.05	0.40	27.62
55	72.01	0.71	73.61	30.35	0.38	27.25
56	77.12	0.65	77.72	30.44	0.37	26.82
58	69.03	0.57	70.09	29.75	0.35	25.98
60	64.95	0.51	65.44	28.76	0.34	25.46
70	67.02	0.38	68.46	27.01	0.31	26.19
80	78.56	0.33	84.73	28.19	0.29	28.76
90	70.38	0.30	70.89	30.33	0.28	31.00
100	68.36	0.29	68.39	32.99	0.27	32.67
110	67.07	0.28	67.31	36.03	0.25	33.74
120	66.21	0.28	67.64	39.22	0.24	34.25
130	66.61	0.28	67.24	41.32	0.23	34.72
140	67.45	0.27	66.44	40.90	0.22	34.74
150	66.56	0.27	66.27	38.98	0.22	34.53
160	66.59	0.27	65.95	37.11	0.22	34.04
170	65.90	0.27	66.31	35.39	0.21	33.45
180	65.62	0.27	65.98	33.99	0.20	32.85
190	64.93	0.27	64.96	32.85	0.19	32.28
200	65.08	0.27	65.11	31.86	0.18	31.75
210	65.31	0.28	64.63	31.07	0.18	31.17
220	64.44	0.28	65.46	30.37	0.17	30.64
230	65.05	0.28	64.24	29.70	0.18	29.97
240	64.37	0.28	63.76	29.03	0.18	29.37
250	64.30	0.28	64.37	28.44	0.17	28.74
260	63.46	0.28	62.99	27.89	0.17	28.17
270	63.42	0.29	63.58	27.43	0.17	27.72
280	63.59	0.29	62.56	27.02	0.16	27.33
300	62.66	0.29	62.33	26.35	0.16	26.71
400	59.84	0.32	59.74	23.50	0.15	23.89
500	57.58	0.35	57.50	21.76	0.15	22.03
600	55.89	0.39	56.05	20.45	0.17	20.78
700	55.33	0.42	54.26	19.69	0.19	20.30
800	51.35	0.44	51.78	19.36	0.23	20.32
900	51.72	0.47	51.46	19.72	0.27	20.94
1000	50.67	0.49	50.67	20.87	0.32	22.66
1050	50.00	0.50	49.80	21.79	0.34	24.05
1100	49.19	0.53	48.60	23.06	0.37	26.14
1150	48.74	0.61	48.22	25.02	0.40	28.55
1200	49.01	0.67	48.46	26.52	0.43	30.76
1220	48.51	0.67	48.07	26.83	0.44	31.42