

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	0.11	66.00	65.70	40.84	40.73	0.03
3.0	0.13	56.71	56.89	36.69	37.16	0.03
5.0	0.14	52.50	52.62	33.09	33.57	0.03
10.0	0.17	48.33	48.25	27.21	27.74	0.04
20.0	0.27	50.92	51.19	21.91	22.44	0.10
30.0	0.40	53.23	54.01	21.41	22.44	0.25
40.0	0.71	55.34	56.82	32.36	28.45	0.66
41.0	0.79	58.84	61.78	27.98	26.32	0.74
42.0	0.89	52.30	54.70	24.17	23.65	0.84
43.0	1.02	39.96	41.88	21.09	20.93	0.96
44.0	1.20	31.59	33.73	18.66	18.36	1.13
44.5	1.32	28.10	30.19	17.71	17.19	1.24
45.0	1.47	24.96	26.92	16.99	16.15	1.39
45.5	1.65	22.14	23.83	16.57	15.29	1.58
46.0	1.88	19.55	20.88	16.59	14.77	1.84
46.5	2.20	16.94	18.08	17.35	14.72	2.24
47.0	2.73	13.74	15.53	19.26	14.73	2.92
47.5	3.84	9.65	13.61	20.97	11.94	4.26
48.5	10.12	3.56	14.43	15.44	4.15	10.59
49.0	14.60	2.47	16.89	15.02	2.70	13.81
49.5	18.77	1.93	19.77	15.65	2.01	15.94
50.0	22.37	1.61	22.74	16.76	1.62	17.58
50.5	25.60	1.39	25.74	18.08	1.38	19.15
51.0	28.65	1.23	28.74	19.49	1.21	20.75
51.5	31.69	1.11	31.75	20.92	1.09	22.36
52.0	34.83	1.02	34.86	22.25	1.00	23.86
53.0	41.62	0.88	41.32	24.47	0.86	26.31
54.0	49.71	0.78	48.32	25.89	0.76	27.51
55.0	62.33	0.71	55.52	26.66	0.69	27.83
56.0	62.02	0.65	57.80	26.99	0.64	27.65
58.0	57.47	0.57	57.59	27.32	0.56	27.21
60.0	59.03	0.50	59.83	27.34	0.51	26.97
62.0	63.66	0.46	64.65	27.18	0.47	26.86
64.0	69.96	0.42	71.69	26.86	0.44	26.83
66.0	81.17	0.39	80.20	26.56	0.42	26.83
68.0	76.55	0.37	83.93	26.18	0.40	26.79
70.0	71.34	0.35	74.19	25.91	0.39	26.83
75.0	70.15	0.31	72.03	25.49	0.36	27.00
80.0	71.21	0.28	70.52	25.42	0.34	27.36
100.0	83.98	0.23	82.30	26.95	0.26	29.78
150.0	70.53	0.19	69.88	39.01	0.16	36.84
200.0	66.74	0.18	66.63	35.58	0.11	31.84
250.0	63.42	0.19	64.64	27.98	0.08	27.21
300.0	62.29	0.21	62.73	24.46	0.06	24.38
350.0	60.80	0.23	60.46	22.10	0.05	22.31
400.0	59.15	0.25	60.43	20.37	0.04	20.74
450.0	58.35	0.28	58.29	19.03	0.04	19.49
500.0	57.29	0.31	57.15	17.98	0.05	18.52
550.0	56.49	0.34	57.44	17.13	0.05	17.65
600.0	55.47	0.37	56.34	16.48	0.07	17.01
650.0	54.61	0.39	55.31	15.97	0.09	16.52
700.0	54.00	0.42	53.92	15.61	0.11	16.16
750.0	52.86	0.44	53.32	15.37	0.14	15.91
800.0	51.95	0.46	52.25	15.26	0.16	15.82
850.0	51.19	0.47	51.24	15.27	0.20	15.81
900.0	51.79	0.49	49.30	15.39	0.26	15.93
910.0	50.59	0.49	49.47	15.43	0.26	15.98
920.0	48.89	0.50	48.52	15.50	0.27	16.02
950.0	57.81	0.51	52.06	15.56	0.33	16.10
1000.0	50.92	0.53	52.47	15.76	0.31	16.37