

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)		CROSS OVER ISOLATION (dB) (between LPF and HPF)	RETURN LOSS (dB)		
	Low Pass port	High Pass port		Common port	Low Pass port	High Pass port
1.0	0.22	108.92	108.99	32.17	31.85	0.00
5.0	0.24	114.24	106.60	37.06	28.59	0.00
10.0	0.28	96.23	103.18	32.40	23.23	0.00
15.0	0.36	98.88	95.64	23.49	19.43	0.00
20.0	0.46	87.25	94.26	20.50	17.94	0.01
30.0	0.77	89.86	105.69	17.14	15.42	0.02
40.0	5.78	86.18	80.31	2.56	2.32	0.03
50.0	15.23	79.32	74.54	0.71	0.68	0.04
60.0	23.43	76.90	71.92	0.42	0.46	0.06
70.0	30.25	74.57	69.78	0.31	0.38	0.08
80.0	36.12	72.12	68.33	0.25	0.33	0.11
90.0	41.30	69.82	67.11	0.21	0.29	0.14
100.0	45.94	67.00	65.79	0.18	0.26	0.17
120.0	54.08	61.36	63.87	0.14	0.21	0.25
140.0	61.39	55.91	62.36	0.13	0.17	0.33
160.0	68.72	50.62	61.03	0.12	0.15	0.43
180.0	78.11	45.81	59.95	0.13	0.13	0.54
200.0	85.19	41.38	58.94	0.14	0.11	0.66
220.0	78.37	37.32	57.98	0.15	0.10	0.79
240.0	74.69	33.54	57.07	0.17	0.09	0.93
250.0	73.23	31.77	56.70	0.18	0.09	1.00
260.0	72.55	30.06	56.36	0.19	0.09	1.07
280.0	70.41	26.79	55.59	0.22	0.08	1.22
300.0	68.82	23.73	54.96	0.26	0.08	1.38
320.0	67.12	20.85	54.18	0.31	0.08	1.54
330.0	66.27	19.46	53.85	0.34	0.08	1.63
340.0	65.42	18.12	53.50	0.38	0.08	1.72
350.0	64.75	16.81	53.20	0.42	0.07	1.82
360.0	63.83	15.54	52.90	0.48	0.07	1.92
380.0	62.55	13.11	52.38	0.63	0.07	2.15
400.0	61.12	10.84	51.81	0.85	0.07	2.43
420.0	59.77	8.74	51.35	1.18	0.07	2.80
440.0	58.56	6.86	51.01	1.68	0.07	3.29
460.0	57.55	5.22	50.91	2.38	0.07	3.95
480.0	56.65	3.86	50.95	3.35	0.07	4.83
500.0	55.96	2.79	51.17	4.61	0.08	5.96
520.0	55.69	2.00	51.63	6.15	0.08	7.32
540.0	55.54	1.44	52.28	7.93	0.08	8.85
560.0	55.60	1.06	52.99	9.91	0.08	10.49
580.0	55.74	0.82	53.70	11.99	0.08	12.16
600.0	55.91	0.67	54.49	14.06	0.08	13.76
650.0	56.52	0.50	56.28	17.89	0.09	17.03
700.0	57.09	0.45	57.81	18.64	0.10	19.18
750.0	57.59	0.44	58.64	19.18	0.10	20.63
800.0	58.07	0.43	59.27	19.22	0.11	21.91
850.0	58.52	0.41	59.68	19.20	0.12	23.32
900.0	58.71	0.40	59.86	19.50	0.12	24.91
950.0	59.29	0.39	60.13	20.06	0.13	26.85
1000.0	59.25	0.38	60.27	20.75	0.14	29.18
1200.0	60.47	0.35	60.95	25.73	0.16	39.47
1400.0	61.42	0.35	61.74	32.07	0.19	30.03
1500.0	62.06	0.36	62.36	30.83	0.21	28.00
1600.0	62.92	0.37	63.01	27.63	0.22	26.80
1700.0	63.39	0.39	63.62	25.42	0.23	26.12
1800.0	63.17	0.41	63.86	23.83	0.25	25.84
1900.0	62.61	0.43	63.13	23.04	0.26	25.94
2000.0	62.05	0.44	62.32	22.29	0.27	26.41
2100.0	61.38	0.45	61.20	21.72	0.27	27.45
2150.0	58.86	0.46	60.83	21.58	0.28	28.15
2200.0	59.81	0.47	60.25	21.47	0.28	29.14
2300.0	57.76	0.48	58.91	21.36	0.29	31.51
2400.0	55.62	0.50	57.36	21.42	0.30	35.73
2500.0	53.91	0.51	55.41	21.89	0.32	42.65