

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS		CROSS OVER ISOLATION	RETURN LOSS		
	(dB)		(dB)	(dB)		
	Low Pass port	High Pass port	(between LPF and HPF)	Common port	Low Pass port	High Pass port
0.3	0.09	72.51	73.27	39.02	39.46	0.01
1.0	0.10	64.11	63.80	38.55	38.69	0.00
5.0	0.13	50.61	50.68	33.47	34.15	0.02
10.0	0.17	46.55	46.88	31.39	32.64	0.07
20.0	0.28	53.65	53.90	35.48	36.79	0.27
30.0	0.48	53.59	54.83	33.06	32.84	0.59
38.0	0.99	51.51	53.10	27.71	31.08	1.02
39.0	1.20	62.76	68.24	20.55	22.57	1.11
40.0	1.62	46.09	46.27	14.28	16.29	1.24
40.5	2.00	40.45	40.93	11.50	13.54	1.32
41.0	2.59	35.17	36.78	8.97	11.02	1.43
41.5	3.50	29.50	33.52	6.76	8.74	1.56
42.0	4.89	23.86	31.06	4.96	6.80	1.75
42.5	6.88	18.72	29.38	3.69	5.26	2.03
43.0	9.58	14.27	28.46	3.00	4.13	2.49
43.5	13.03	10.57	28.33	2.92	3.35	3.24
44.0	17.23	7.59	28.93	3.50	2.81	4.46
44.5	22.16	5.34	30.31	4.78	2.43	6.35
45.0	27.50	3.77	32.37	6.79	2.14	9.09
45.5	32.67	2.76	35.14	9.49	1.92	12.92
46.0	37.13	2.14	38.41	12.74	1.73	18.39
47.0	45.34	1.55	46.12	19.30	1.43	33.12
48.0	55.16	1.29	55.28	20.22	1.22	20.76
49.0	66.66	1.14	62.38	18.94	1.07	18.34
50.0	65.98	1.02	65.88	18.50	0.96	17.82
51.0	62.63	0.93	64.48	18.78	0.87	18.11
52.0	60.50	0.84	62.50	19.56	0.81	18.85
53.0	59.11	0.78	62.05	20.69	0.76	19.93
54.0	58.51	0.72	59.53	22.12	0.72	21.22
55.0	58.17	0.66	59.28	23.82	0.68	22.74
60.0	57.93	0.51	60.21	34.42	0.58	35.01
70.0	64.77	0.38	69.43	24.52	0.47	27.97
80.0	66.37	0.33	67.57	22.99	0.40	25.82
90.0	67.77	0.30	68.24	23.39	0.35	26.16
100.0	70.66	0.28	68.56	24.49	0.31	27.45
150.0	84.81	0.23	74.74	35.11	0.20	37.22
200.0	75.31	0.23	72.42	29.22	0.12	28.33
250.0	76.15	0.24	70.86	23.91	0.08	23.76
300.0	73.80	0.26	70.19	21.14	0.04	21.23
350.0	70.98	0.29	68.86	19.32	0.00	19.61
400.0	67.48	0.32	66.82	18.14	0.02	18.51
450.0	66.16	0.36	64.58	17.35	0.04	17.81
500.0	65.00	0.39	64.37	16.85	0.05	17.36
550.0	62.89	0.43	62.35	16.62	0.05	17.18
600.0	60.84	0.46	60.10	16.54	0.04	17.11
650.0	59.25	0.49	58.74	16.68	0.03	17.28
675.0	57.99	0.49	56.44	16.83	0.01	17.46
700.0	57.90	0.50	56.51	17.03	0.00	17.69
725.0	57.14	0.51	55.34	17.29	0.02	17.91
750.0	56.39	0.50	54.44	17.58	0.04	18.18
800.0	52.29	0.51	51.52	18.32	0.11	18.85
825.0	56.19	0.49	60.86	18.74	0.14	19.18
850.0	56.12	0.48	54.97	19.17	0.16	19.56
855.0	55.84	0.48	54.45	19.26	0.18	19.62
860.0	55.30	0.48	54.01	19.36	0.19	19.70
865.0	55.21	0.49	54.25	19.45	0.21	19.79
870.0	55.02	0.49	53.69	19.55	0.22	19.86
875.0	54.87	0.49	54.13	19.66	0.23	19.94
880.0	54.68	0.49	53.68	19.76	0.23	20.02
885.0	54.92	0.49	53.54	19.87	0.23	20.11
890.0	54.59	0.49	53.74	19.99	0.23	20.20
895.0	54.54	0.49	53.36	20.10	0.23	20.28
900.0	54.53	0.49	53.24	20.20	0.23	20.37
925.0	53.55	0.48	52.31	20.77	0.26	20.79
950.0	52.69	0.50	51.68	21.30	0.31	21.15
975.0	52.30	0.52	51.44	21.75	0.35	21.37
1000.0	52.09	0.54	51.00	22.29	0.39	21.43