

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
10.0	0.10	58.83	62.01	47.75	37.84	0.04
50.0	0.05	45.92	47.73	38.49	34.75	0.03
100.0	0.10	41.84	41.73	33.28	32.98	0.03
200.0	0.12	35.89	35.78	26.83	26.13	0.03
300.0	0.15	32.52	32.34	23.48	22.67	0.03
400.0	0.18	30.20	30.02	20.74	20.11	0.04
500.0	0.22	28.54	28.21	18.98	18.31	0.04
600.0	0.26	27.24	26.85	17.44	16.84	0.05
700.0	0.30	26.30	25.73	16.33	15.68	0.07
800.0	0.34	25.56	24.85	15.37	14.76	0.08
900.0	0.38	25.00	24.10	14.54	14.02	0.09
1000.0	0.42	24.62	23.51	13.92	13.45	0.10
1100.0	0.46	24.31	23.06	13.36	12.97	0.12
1200.0	0.50	24.19	22.77	12.95	12.63	0.13
1300.0	0.52	24.06	22.52	12.66	12.43	0.15
1400.0	0.54	24.10	22.39	12.43	12.30	0.15
1500.0	0.55	24.13	22.37	12.40	12.37	0.17
1600.0	0.55	24.25	22.40	12.39	12.50	0.18
1700.0	0.55	24.40	22.51	12.54	12.78	0.19
1800.0	0.54	24.59	22.77	12.81	13.28	0.20
1900.0	0.52	24.86	23.16	13.24	13.93	0.21
2000.0	0.50	25.17	23.71	13.88	14.90	0.22
2300.0	0.43	27.39	27.40	17.15	21.24	0.25
2400.0	0.43	29.10	29.99	18.75	26.60	0.26
2700.0	0.56	37.44	32.90	18.10	19.31	0.33
3000.0	0.97	20.74	19.57	12.50	11.76	0.55
3200.0	1.36	15.83	14.31	10.86	10.26	0.91
3400.0	1.76	11.88	9.85	11.91	13.21	1.79
3800.0	11.65	1.73	11.60	11.49	1.84	12.31
4200.0	23.68	0.78	23.31	12.55	0.54	17.92
4400.0	27.21	0.65	28.35	14.17	0.45	21.26
4800.0	31.11	0.54	33.55	18.24	0.39	25.61
4900.0	31.67	0.54	34.20	19.56	0.38	26.15
5200.0	33.06	0.51	35.54	23.85	0.38	38.09
5400.0	34.00	0.52	36.35	24.56	0.36	30.43
5750.0	35.40	0.59	37.99	18.12	0.33	18.97
6000.0	35.94	0.72	39.10	14.00	0.31	14.49
6200.0	35.92	0.85	39.93	11.82	0.29	12.40
6400.0	35.68	1.03	40.48	10.04	0.25	10.72
6800.0	34.76	1.51	40.31	7.46	0.20	8.37
7000.0	34.23	1.84	40.00	6.46	0.17	7.46
7200.0	33.82	2.26	39.30	5.60	0.15	6.58
7400.0	33.58	2.84	38.81	4.78	0.12	5.63
7800.0	33.85	4.75	38.11	3.21	0.09	3.63
8000.0	34.32	6.18	37.27	2.51	0.07	2.74
8200.0	34.85	7.98	36.80	1.92	0.06	2.03
8400.0	35.03	10.16	36.06	1.44	0.07	1.46
8800.0	33.71	15.80	35.47	0.86	0.09	0.75
9000.0	32.55	19.42	34.79	0.71	0.09	0.56
9200.0	31.35	24.03	34.07	0.62	0.11	0.44
9400.0	30.24	30.81	33.17	0.57	0.13	0.38
9800.0	28.29	32.63	32.48	0.51	0.19	0.31
10000.0	27.41	28.14	31.64	0.49	0.22	0.30
10500.0	25.58	23.61	30.74	0.46	0.31	0.35
11000.0	24.02	21.91	29.88	0.43	0.39	0.40
11900.0	21.63	20.94	29.35	0.43	0.49	0.51
12000.0	21.41	20.85	28.60	0.41	0.51	0.57