

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	0.01	92.57	92.84	51.39	50.76	0.00
5.0	0.01	80.62	80.60	48.24	48.73	0.00
10.0	0.02	74.49	74.53	44.64	45.01	0.00
20.0	0.03	68.47	68.92	39.10	39.43	0.00
30.0	0.04	64.97	65.10	35.95	36.12	0.00
40.0	0.05	62.49	62.30	33.73	33.79	0.01
50.0	0.05	60.65	60.41	31.96	32.03	0.01
60.0	0.06	59.01	59.07	30.60	30.71	0.01
70.0	0.07	57.58	57.73	29.46	29.57	0.01
80.0	0.07	56.55	56.69	28.48	28.57	0.01
90.0	0.08	55.45	55.71	27.58	27.67	0.01
100.0	0.08	54.60	54.85	26.77	26.84	0.01
150.0	0.11	51.26	51.69	23.99	23.76	0.03
200.0	0.13	49.04	49.71	21.74	21.82	0.04
250.0	0.15	47.62	48.50	20.52	20.54	0.06
270.0	0.17	47.24	48.16	20.14	20.16	0.08
300.0	0.18	46.81	47.88	19.73	19.75	0.09
350.0	0.19	46.57	47.69	19.45	19.47	0.12
395.0	0.20	46.86	47.98	19.63	19.63	0.14
400.0	0.21	46.93	48.00	19.67	19.67	0.14
450.0	0.22	47.98	48.83	20.32	20.34	0.18
500.0	0.22	49.75	50.18	21.59	21.69	0.21
550.0	0.23	51.68	51.90	23.66	23.75	0.25
600.0	0.24	52.50	52.96	26.69	27.08	0.28
650.0	0.25	51.72	52.14	30.88	32.04	0.31
700.0	0.27	51.03	51.09	32.71	34.10	0.33
750.0	0.31	51.74	50.84	29.63	28.82	0.36
800.0	0.36	48.55	47.38	24.17	22.93	0.39
850.0	0.48	39.71	38.65	17.42	16.67	0.42
870.0	0.58	36.79	35.37	14.84	14.27	0.43
900.0	0.84	33.08	30.96	11.30	10.92	0.47
930.0	1.31	29.33	27.15	8.26	7.98	0.52
980.0	2.87	19.89	22.32	4.52	4.24	0.69
1000.0	3.85	15.94	21.01	3.57	3.17	0.84
1050.0	7.38	8.40	19.63	2.65	1.44	1.72
1100.0	12.19	4.39	20.89	3.51	0.69	3.41
1150.0	17.41	2.56	23.75	5.20	0.45	5.40
1200.0	22.34	1.67	26.99	7.09	0.38	7.35
1250.0	27.13	1.15	30.14	9.17	0.34	9.38
1300.0	31.77	0.84	33.41	11.56	0.33	11.67
1350.0	36.11	0.64	36.76	14.36	0.32	14.30
1400.0	40.21	0.52	40.23	17.82	0.33	17.52
1450.0	44.23	0.45	43.89	22.33	0.33	21.63
1500.0	48.49	0.42	47.91	29.33	0.33	27.58
1550.0	53.69	0.41	52.61	56.02	0.33	39.71
1600.0	60.25	0.40	57.64	32.85	0.33	36.01
1650.0	61.02	0.41	59.28	27.90	0.33	29.62
1700.0	56.70	0.41	56.65	25.95	0.33	27.19
1750.0	53.92	0.41	54.19	25.01	0.33	26.06
1800.0	52.11	0.41	52.38	24.89	0.33	25.97
1850.0	50.82	0.41	51.02	25.22	0.33	26.32
1900.0	49.80	0.41	49.99	25.79	0.34	27.05
2000.0	47.89	0.42	49.39	25.62	0.34	27.28
2100.0	47.58	0.44	48.31	22.35	0.35	23.38
2150.0	47.56	0.46	47.85	20.40	0.34	21.11
2200.0	47.70	0.49	47.50	18.50	0.35	19.13
2300.0	48.17	0.56	46.74	15.49	0.34	15.87
2400.0	47.85	0.66	45.92	13.24	0.34	13.45
2500.0	47.48	0.77	45.38	11.58	0.35	11.67
2600.0	46.73	0.91	44.99	10.35	0.35	10.36
2700.0	45.92	1.03	44.72	9.45	0.36	9.39
2800.0	45.37	1.15	44.51	8.79	0.36	8.68
2900.0	45.49	1.26	44.07	8.36	0.36	8.20
3000.0	47.80	1.34	43.78	8.10	0.38	7.90