

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
10	0.19	84.48	93.39	34.93	33.90	0.04
20	0.21	95.39	90.99	32.08	37.41	0.04
30	0.23	103.10	97.28	29.48	42.36	0.03
40	0.26	96.04	92.20	27.39	57.06	0.03
50	0.29	79.37	86.02	25.45	37.78	0.03
60	0.32	89.72	88.44	23.74	30.75	0.03
70	0.36	85.10	88.28	22.36	27.07	0.03
80	0.40	85.49	82.64	21.36	24.39	0.03
90	0.44	79.95	81.37	20.78	22.61	0.02
100	0.48	79.70	78.93	20.79	21.95	0.02
150	0.84	72.20	71.91	15.42	16.04	0.02
160	1.27	72.09	70.13	10.49	10.76	0.03
170	2.07	71.53	68.41	7.01	7.10	0.03
180	3.34	71.30	66.49	4.64	4.62	0.03
190	5.04	70.11	65.20	3.12	3.02	0.03
200	7.03	69.58	64.25	2.19	2.05	0.03
210	9.15	68.30	63.55	1.63	1.46	0.03
220	11.31	65.89	62.80	1.29	1.11	0.04
250	17.51	59.28	61.61	0.84	0.63	0.05
265	20.39	56.45	61.01	0.73	0.53	0.05
275	22.23	54.52	60.55	0.68	0.48	0.06
300	26.59	49.88	59.96	0.58	0.40	0.06
325	30.69	45.80	59.35	0.51	0.34	0.08
350	34.61	42.03	58.78	0.46	0.30	0.09
400	42.21	35.29	57.76	0.39	0.24	0.13
440	48.65	30.53	57.01	0.37	0.20	0.16
475	55.40	26.72	56.47	0.37	0.18	0.19
500	62.26	24.18	56.02	0.38	0.16	0.23
540	74.34	20.37	55.53	0.43	0.14	0.30
600	60.31	15.18	54.85	0.58	0.12	0.48
700	56.74	7.96	54.04	1.43	0.10	1.38
750	56.20	5.21	53.96	2.44	0.09	2.42
1000	55.58	0.54	55.84	15.15	0.07	15.62
1200	57.26	0.30	57.81	24.18	0.08	24.69
1400	59.78	0.23	59.92	27.63	0.08	27.15
1600	62.24	0.20	62.56	32.42	0.10	30.23
1800	65.14	0.18	64.81	34.94	0.11	35.14
2000	66.79	0.17	66.80	30.76	0.12	37.05
2200	67.19	0.16	67.60	27.95	0.12	34.47
2500	65.31	0.16	65.69	26.02	0.12	30.24
2600	64.49	0.16	64.34	25.44	0.12	28.90
2800	61.89	0.16	61.81	24.57	0.11	26.16
3000	58.56	0.17	59.05	23.21	0.11	23.58
3200	56.55	0.19	56.04	21.54	0.10	21.31
3500	52.50	0.22	52.74	19.13	0.08	18.81
3600	51.64	0.23	52.11	18.44	0.08	18.15
3800	49.14	0.25	49.54	17.35	0.06	17.22
4000	47.70	0.26	48.13	16.68	0.04	16.78
4200	45.21	0.26	45.79	16.47	0.03	16.79
4400	43.12	0.26	43.76	16.55	0.02	17.24
4500	42.45	0.26	43.11	16.79	0.01	17.63
4600	41.51	0.25	42.23	16.98	0.02	18.09
4700	40.71	0.25	41.25	17.27	0.01	18.69
4800	39.55	0.25	40.36	17.64	0.00	19.29
5000	38.05	0.24	39.01	18.27	0.00	20.41
5200	35.90	0.27	36.80	18.39	0.01	20.55
5400	35.23	0.31	35.92	17.59	0.03	19.19
5600	32.93	0.40	33.80	16.39	0.02	17.07
5800	31.14	0.49	31.66	14.59	0.11	14.77
6500	24.57	1.90	25.60	7.48	0.26	7.09