

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
1	0.05	91.13	93.35	50.42	49.61	0.01
3	0.07	84.70	85.13	48.85	48.81	0.01
5	0.07	81.39	81.84	46.61	47.07	0.01
20	0.11	70.43	70.63	36.96	39.26	0.02
30	0.13	67.76	67.86	33.20	35.72	0.02
50	0.17	66.59	66.47	28.90	30.99	0.03
70	0.21	69.51	69.56	26.98	28.40	0.05
95	0.26	69.26	68.86	27.48	27.59	0.10
100	0.27	68.22	67.85	28.06	27.70	0.12
120	0.31	65.15	65.12	31.97	28.72	0.19
150	0.40	75.72	79.22	35.10	29.41	0.36
190	0.65	68.57	67.25	29.70	30.59	0.67
200	0.79	63.60	61.95	29.11	30.52	0.77
202	0.83	56.38	55.89	29.18	31.26	0.79
204	0.87	51.03	50.91	29.08	32.38	0.82
206	0.92	46.53	46.70	28.77	33.44	0.84
208	0.98	42.56	42.89	27.98	33.03	0.87
210	1.05	38.97	39.40	26.78	30.35	0.91
212	1.13	35.68	36.14	25.14	26.81	0.95
213	1.18	34.13	34.59	24.23	25.08	0.98
215	1.30	31.20	31.60	22.25	21.83	1.04
220	1.84	24.43	24.79	16.62	14.67	1.28
221	2.03	22.93	23.55	15.37	13.31	1.36
225	3.51	15.09	19.39	10.47	7.87	1.95
228	6.31	8.98	17.99	7.98	4.34	3.14
230	9.46	6.10	18.38	7.53	2.78	4.52
234	17.85	3.13	21.68	9.11	1.39	8.11
236	22.07	2.44	23.94	10.55	1.12	10.01
240	28.90	1.66	28.85	13.95	0.85	13.92
242	31.62	1.44	31.40	15.82	0.78	15.96
245	35.45	1.20	35.28	18.86	0.70	19.19
248	39.34	1.05	39.27	22.20	0.64	22.73
250	42.10	0.97	42.00	24.68	0.62	25.25
256	51.53	0.81	50.74	32.63	0.56	31.29
258	55.20	0.77	53.82	33.72	0.54	31.25
260	59.43	0.74	56.87	33.18	0.53	30.46
270	62.83	0.62	61.91	28.16	0.49	27.03
280	64.06	0.55	64.27	26.76	0.46	26.41
290	72.87	0.50	72.43	26.93	0.44	27.17
300	74.38	0.45	73.32	27.98	0.42	28.66
320	60.92	0.39	60.96	31.72	0.39	31.58
330	58.86	0.37	58.89	33.70	0.37	31.50
340	57.52	0.35	57.39	34.90	0.36	30.37
350	56.62	0.33	56.40	34.73	0.34	29.02
375	55.39	0.31	54.97	32.17	0.30	26.66
400	54.79	0.29	54.38	30.35	0.27	25.58
425	54.25	0.28	53.70	29.63	0.23	25.24
450	53.82	0.27	53.34	29.54	0.20	25.52
475	53.39	0.26	53.06	29.97	0.17	26.30
500	53.15	0.26	52.85	30.92	0.14	27.45
600	52.38	0.25	52.25	32.33	0.06	34.06
700	52.18	0.25	51.97	27.06	0.01	28.43
800	52.41	0.27	51.89	23.68	0.00	24.11
900	52.60	0.29	51.95	21.95	0.03	22.16
1000	52.11	0.31	51.80	21.69	0.09	21.74
1100	52.19	0.31	51.79	22.68	0.16	22.80
1150	51.96	0.33	51.76	24.03	0.20	23.87
1200	51.89	0.32	51.77	25.89	0.24	25.97
1210	51.74	0.31	51.66	26.24	0.25	26.49
1220	51.52	0.31	51.46	26.68	0.26	27.11