

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	0.04	89.49	90.39	50.90	52.51	0.04
3.0	0.06	88.00	90.81	45.18	45.78	0.04
5.0	0.06	83.48	85.67	41.96	42.34	0.03
50.0	0.11	72.44	72.52	27.08	27.96	0.02
100.0	0.17	57.37	57.30	36.09	32.25	0.06
150.0	0.27	52.36	51.90	28.60	31.83	0.16
170.0	0.36	55.02	54.48	27.71	28.29	0.23
180.0	0.42	60.12	59.26	27.27	26.66	0.27
184.0	0.46	63.53	61.46	26.95	26.01	0.29
190.0	0.52	61.41	58.67	26.58	25.36	0.32
195.0	0.59	56.39	54.91	26.75	25.53	0.34
200.0	0.68	53.31	52.22	27.92	27.77	0.37
204.0	0.79	52.12	51.24	27.89	32.55	0.40
210.0	1.16	50.03	49.54	17.22	17.72	0.44
215.0	2.30	44.19	44.54	8.84	8.62	0.49
217.0	3.33	40.75	42.40	6.33	6.05	0.51
218.0	4.04	38.70	41.49	5.30	5.00	0.52
222.0	8.21	30.10	39.63	2.64	2.29	0.57
220.0	5.86	34.40	40.25	3.69	3.37	0.54
227.0	15.71	20.71	40.26	1.55	1.11	0.67
229.5	20.11	16.70	41.39	1.47	0.89	0.76
230.0	21.04	15.94	41.67	1.48	0.86	0.78
235.0	31.61	9.13	45.88	2.16	0.68	1.22
236.0	34.09	7.97	47.19	2.47	0.66	1.39
238.0	39.66	5.91	49.90	3.37	0.63	1.85
239.0	42.79	5.02	51.45	3.98	0.61	2.16
240.0	46.01	4.25	52.78	4.71	0.60	2.55
242.0	51.87	3.01	54.29	6.54	0.57	3.58
245.0	55.27	1.87	54.56	10.23	0.54	5.85
250.0	55.59	1.08	54.17	18.91	0.50	11.59
252.0	54.79	0.95	53.58	23.75	0.48	14.49
254.0	53.65	0.86	53.00	30.52	0.47	17.75
256.0	52.72	0.80	52.11	42.97	0.46	21.49
258.0	51.84	0.75	51.71	35.99	0.44	26.03
260.0	51.17	0.71	51.03	31.04	0.43	32.12
262.0	50.53	0.68	50.60	28.67	0.43	43.33
268.0	49.67	0.61	49.73	25.94	0.40	33.31
270.0	49.66	0.59	49.57	25.51	0.39	31.93
272.0	49.57	0.57	49.42	25.19	0.38	31.11
275.0	49.89	0.55	49.39	24.80	0.37	30.52
300.0	51.66	0.42	50.19	23.59	0.30	27.72
350.0	47.08	0.30	47.11	30.82	0.23	27.09
450.0	47.52	0.24	47.52	36.51	0.15	26.53
500.0	49.18	0.23	49.36	35.52	0.11	27.26
550.0	50.73	0.23	51.24	34.11	0.07	29.15
600.0	52.12	0.23	52.54	31.32	0.04	31.47
950.0	49.86	0.29	50.44	25.22	0.07	26.90
700.0	53.32	0.24	53.66	26.63	0.01	32.86
750.0	52.74	0.25	53.38	25.32	0.02	31.10
800.0	52.00	0.26	52.31	24.61	0.04	29.34
850.0	51.37	0.27	51.61	24.32	0.04	28.13
900.0	50.43	0.28	51.06	24.51	0.05	27.46
950.0	49.86	0.29	50.44	25.22	0.07	26.90
1000.0	49.54	0.30	50.33	26.16	0.08	26.53
1050.0	49.39	0.30	50.66	28.35	0.11	26.26
1100.0	49.40	0.31	50.95	30.45	0.16	26.14
1150.0	49.42	0.32	51.03	33.82	0.20	25.93
1180.0	49.74	0.32	51.16	34.06	0.22	25.78
1200.0	49.81	0.33	51.47	33.63	0.23	25.72
1220.0	50.11	0.33	52.10	33.39	0.25	25.70