

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	0.00	96.64	82.38	52.15	51.18	0.00
3.0	0.02	86.80	86.51	46.25	45.81	0.00
5.0	0.03	84.32	77.43	43.13	42.69	0.00
50.0	0.11	73.04	70.04	26.42	28.01	0.02
100.0	0.19	56.36	56.75	25.32	24.80	0.07
150.0	0.30	50.75	50.60	34.69	40.62	0.20
170.0	0.39	51.78	51.42	28.61	29.68	0.28
180.0	0.46	53.30	53.10	27.30	28.01	0.33
184.0	0.49	53.79	52.87	27.04	27.88	0.35
190.0	0.56	53.28	52.40	27.24	28.29	0.39
195.0	0.62	51.97	51.08	28.19	29.68	0.42
200.0	0.71	50.17	49.41	31.46	34.23	0.45
204.0	0.80	49.29	48.30	44.50	47.76	0.48
210.0	1.08	48.59	47.54	21.93	20.84	0.53
215.0	1.78	46.27	47.04	12.14	11.61	0.58
217.0	2.40	43.62	46.04	9.16	8.73	0.60
218.0	2.84	42.00	45.24	7.86	7.46	0.61
219.0	3.39	40.23	44.37	6.70	6.31	0.63
220.0	4.05	38.39	43.60	5.68	5.31	0.64
224.0	7.93	30.76	41.26	2.97	2.60	0.71
230.0	16.62	20.55	41.26	1.72	1.19	0.88
232.0	20.02	17.56	41.95	1.66	1.02	0.99
236.0	27.74	12.09	44.60	1.94	0.83	1.42
237.0	29.95	10.84	45.52	2.11	0.80	1.60
238.0	32.32	9.64	46.65	2.33	0.77	1.83
239.0	34.87	8.50	47.91	2.61	0.74	2.11
240.0	37.68	7.44	49.62	2.96	0.72	2.46
242.0	44.38	5.56	53.49	3.94	0.68	3.42
245.0	52.33	3.44	57.40	6.23	0.63	5.63
250.0	50.07	1.65	52.63	12.45	0.57	11.59
252.0	50.32	1.33	51.82	15.83	0.55	14.75
254.0	50.94	1.13	51.33	19.88	0.53	18.43
256.0	51.54	1.00	51.47	25.05	0.51	22.88
258.0	52.04	0.92	51.42	32.90	0.50	28.65
260.0	52.37	0.86	51.37	56.49	0.49	36.14
262.0	52.37	0.81	51.65	35.07	0.47	35.62
268.0	52.64	0.72	51.47	28.13	0.44	28.24
270.0	52.55	0.69	52.12	27.82	0.43	27.68
272.0	52.44	0.67	51.86	27.83	0.42	27.50
275.0	52.78	0.64	52.15	28.28	0.40	27.61
300.0	54.95	0.48	53.89	37.64	0.33	34.13
350.0	47.72	0.37	47.69	34.21	0.26	34.13
450.0	47.62	0.33	47.11	24.77	0.19	25.09
500.0	49.11	0.33	48.59	25.52	0.18	25.58
550.0	50.46	0.33	50.50	27.32	0.16	27.16
600.0	51.23	0.33	51.59	29.36	0.15	28.13
950.0	47.79	0.43	47.84	26.24	0.24	26.28
700.0	51.32	0.35	51.69	29.24	0.16	27.66
750.0	50.58	0.37	50.79	27.61	0.17	26.81
800.0	49.70	0.38	49.61	26.33	0.19	26.16
850.0	48.79	0.40	49.02	25.72	0.20	25.57
900.0	48.13	0.42	48.34	25.65	0.21	25.73
950.0	47.79	0.43	47.84	26.24	0.24	26.28
1000.0	47.49	0.44	47.43	26.93	0.25	27.51
1050.0	47.09	0.46	47.43	28.04	0.27	29.56
1100.0	46.85	0.47	47.34	29.11	0.31	32.84
1150.0	46.77	0.48	47.53	29.66	0.33	37.71
1180.0	46.78	0.49	47.81	29.15	0.34	40.35
1200.0	46.84	0.50	47.91	28.77	0.35	39.33
1220.0	46.87	0.51	47.77	28.23	0.36	37.22