

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	0.07	69.71	69.55	49.89	50.28	0.05
20	0.08	63.55	63.78	45.13	45.55	0.05
40	0.09	57.69	57.74	39.16	41.57	0.04
50	0.09	55.86	55.92	37.51	40.92	0.04
80	0.10	52.03	52.13	34.24	38.50	0.03
100	0.10	50.37	50.59	32.38	36.77	0.03
120	0.11	49.13	49.38	30.81	33.36	0.02
140	0.12	48.31	48.55	29.32	31.71	0.02
160	0.12	47.76	47.96	28.10	30.24	0.03
180	0.13	47.56	47.70	26.96	27.99	0.03
200	0.14	47.67	47.72	25.92	26.19	0.03
220	0.15	48.06	48.07	24.88	24.75	0.03
240	0.16	48.82	48.72	23.99	23.55	0.04
260	0.17	50.17	49.93	23.25	22.54	0.05
280	0.18	52.17	51.84	22.52	21.68	0.06
300	0.19	55.50	55.06	21.87	21.02	0.06
320	0.20	61.81	61.13	21.38	20.59	0.07
340	0.21	64.86	62.80	21.02	20.30	0.08
360	0.22	55.33	54.49	20.76	20.21	0.10
380	0.23	50.19	49.58	20.73	20.32	0.11
400	0.23	46.59	46.30	20.94	20.70	0.13
420	0.24	43.93	43.84	21.41	21.33	0.15
440	0.25	41.89	42.01	22.23	22.29	0.16
460	0.25	40.42	40.66	23.62	23.69	0.18
480	0.27	39.51	39.78	26.02	25.89	0.20
500	0.29	39.24	39.43	30.16	29.47	0.23
520	0.32	39.74	39.71	36.30	37.05	0.25
540	0.36	41.14	40.69	31.32	39.28	0.28
560	0.42	43.19	42.04	26.05	28.80	0.32
600	0.67	44.64	44.58	25.92	22.77	0.44
610	0.82	47.05	56.97	23.49	19.90	0.48
625	1.52	31.79	34.09	12.12	11.01	0.60
635	3.19	20.46	26.65	6.68	5.68	0.79
665	22.63	3.48	24.09	5.92	0.65	5.20
685	34.25	1.16	32.52	14.14	0.41	14.10
700	45.46	0.74	41.94	23.51	0.32	25.74
710	46.65	0.63	43.82	30.83	0.28	43.94
740	39.49	0.49	39.05	24.47	0.20	22.99
760	39.31	0.44	38.85	23.01	0.17	21.84
780	40.01	0.40	39.52	22.57	0.14	21.71
800	41.07	0.36	40.57	22.56	0.11	22.01
820	42.21	0.34	41.72	22.71	0.09	22.42
840	43.51	0.32	43.11	22.91	0.08	22.83
860	44.48	0.30	44.12	23.07	0.06	23.29
880	45.15	0.29	44.92	23.28	0.05	23.89
900	45.58	0.27	45.44	23.59	0.05	24.42
920	45.68	0.26	45.74	23.93	0.04	24.94
940	45.59	0.25	45.84	24.32	0.03	25.51
960	45.52	0.24	45.76	24.76	0.03	26.20
980	45.35	0.23	45.68	25.28	0.02	26.91
1000	45.30	0.23	45.54	25.84	0.02	27.58
1020	45.18	0.22	45.43	26.45	0.02	28.43
1040	45.07	0.21	45.33	27.30	0.02	29.59
1060	45.02	0.21	45.26	28.30	0.02	30.52
1080	45.02	0.21	45.18	29.29	0.02	31.83
1100	45.01	0.20	45.17	30.40	0.01	33.44
1120	45.07	0.20	45.21	31.92	0.02	35.34
1200	45.44	0.20	45.53	37.94	0.03	50.01
1250	45.87	0.20	45.86	34.78	0.02	38.34
1300	46.35	0.19	46.32	30.69	0.03	32.14