

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	88.00	92.58	46.43	46.25	0.00
3.0	0.03	78.52	79.22	38.32	38.17	0.00
5.0	0.04	81.45	76.91	34.64	34.45	0.00
6.0	0.05	75.28	76.97	33.29	33.19	0.00
7.0	0.05	74.63	76.35	32.25	32.04	0.00
8.0	0.06	73.50	73.15	31.32	31.16	0.00
10.0	0.06	73.88	72.74	29.90	29.67	0.00
12.0	0.07	71.41	73.14	28.81	28.58	0.00
15.0	0.08	70.19	69.69	27.77	27.48	0.00
20.0	0.10	68.96	70.07	27.04	26.69	0.01
25.0	0.12	71.88	71.06	27.38	27.05	0.02
30.0	0.14	72.60	72.30	28.80	28.64	0.03
35.0	0.18	74.40	75.76	31.48	32.35	0.06
40.0	0.22	71.55	72.23	34.95	41.46	0.10
45.0	0.28	69.60	68.08	33.27	35.92	0.15
50.0	0.37	65.13	64.01	29.04	29.49	0.23
55.0	0.49	60.89	60.55	28.01	28.14	0.33
59.0	0.64	57.29	57.03	31.60	29.39	0.44
62.0	0.82	55.33	55.32	34.66	28.30	0.54
64.0	1.00	56.14	56.36	36.10	28.66	0.63
65.0	1.12	59.03	58.25	36.08	29.14	0.68
68.0	2.15	50.05	49.00	13.61	12.39	0.86
69.0	3.23	43.46	44.46	9.09	7.99	0.93
70.0	5.13	36.13	41.40	5.90	4.87	1.02
71.0	7.96	29.25	39.84	3.95	2.95	1.13
72.0	11.54	23.55	39.13	2.92	1.90	1.28
73.0	15.60	18.78	39.07	2.46	1.36	1.49
74.0	20.03	14.67	39.42	2.38	1.06	1.81
75.0	24.84	11.10	40.15	2.63	0.90	2.35
76.0	30.10	8.07	41.38	3.29	0.80	3.23
77.0	35.87	5.66	43.15	4.49	0.72	4.62
78.0	41.91	3.91	45.69	6.32	0.67	6.64
79.0	47.89	2.76	48.71	8.75	0.63	9.27
80.0	53.29	2.05	52.47	11.65	0.60	12.43
81.0	58.75	1.63	55.60	14.88	0.58	16.02
82.0	60.38	1.37	57.53	18.27	0.56	19.94
83.0	58.96	1.20	57.97	21.56	0.54	23.97
84.0	57.90	1.09	57.58	24.26	0.52	27.23
85.0	57.36	1.00	56.97	25.89	0.51	28.42
86.0	57.35	0.94	57.43	26.46	0.50	28.00
87.0	57.39	0.88	57.01	26.54	0.49	27.25
88.0	57.49	0.84	57.73	26.47	0.48	26.62
90.0	58.35	0.76	58.37	26.43	0.47	25.93
91.0	58.79	0.73	59.10	26.47	0.46	25.76
95.0	61.34	0.62	60.37	27.05	0.45	25.61
100.0	63.06	0.54	62.14	27.85	0.43	25.65
200.0	63.75	0.25	63.96	26.02	0.31	27.14
400.0	60.10	0.23	58.91	29.63	0.29	30.94
500.0	58.37	0.25	57.29	31.58	0.31	34.94
600.0	57.03	0.26	55.75	34.73	0.33	40.01
700.0	55.35	0.28	54.52	38.33	0.36	39.70
800.0	54.18	0.30	52.72	36.97	0.39	34.99
900.0	53.17	0.32	51.29	32.61	0.43	31.04
1000.0	52.25	0.35	50.43	30.02	0.45	28.63
1050.0	51.63	0.36	49.73	28.74	0.48	27.79
1100.0	50.97	0.37	49.35	27.88	0.49	27.47
1150.0	50.68	0.39	48.85	26.68	0.50	26.79
1180.0	50.48	0.40	48.56	26.20	0.52	26.47
1200.0	50.25	0.41	48.35	26.01	0.53	26.39
1220.0	50.05	0.42	48.23	25.87	0.54	26.37