

## 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	83.22	83.52	45.42	45.76	0.02
5.0	0.07	68.71	68.88	35.51	35.55	0.01
10.0	0.08	62.80	63.09	29.69	29.47	0.01
20.0	0.13	60.33	60.13	24.17	23.62	0.03
60.0	0.44	56.27	57.36	16.37	16.42	0.34
80.0	0.84	65.68	64.53	23.16	27.06	0.96
83.0	1.03	65.73	62.66	23.88	25.72	1.15
84.0	1.12	70.08	61.48	24.17	24.58	1.23
85.0	1.24	52.96	52.28	25.07	23.72	1.32
88.0	1.87	28.13	30.02	29.46	20.90	1.81
89.0	2.44	21.01	24.11	19.28	16.66	2.21
89.5	2.94	17.49	21.33	15.87	13.95	2.55
90.0	3.75	14.09	18.77	13.13	11.21	3.09
90.5	5.03	10.99	16.57	11.04	8.69	3.95
91.0	6.96	8.38	14.93	9.72	6.63	5.23
92.0	11.66	5.10	13.70	9.64	4.31	8.54
93.0	13.10	3.61	14.35	11.98	3.59	11.08
93.5	13.25	3.16	14.99	13.64	3.48	12.03
94.0	13.56	2.81	15.73	15.51	3.46	12.94
95.0	14.84	2.28	17.41	19.44	3.68	14.80
97.0	19.54	1.65	21.82	22.42	5.80	18.14
97.5	21.20	1.55	23.30	21.99	6.74	18.72
98.0	23.14	1.46	25.05	21.51	7.62	19.15
99.0	28.03	1.31	29.56	20.76	7.62	19.70
99.5	31.03	1.25	32.39	20.51	6.66	19.87
100.0	34.46	1.20	35.64	20.35	5.56	20.01
101.0	42.64	1.11	43.36	20.21	3.77	20.27
102.0	50.21	1.04	50.02	20.27	2.66	20.60
105.0	49.92	0.87	51.02	21.20	1.28	21.88
106.0	51.12	0.83	52.88	21.65	1.09	22.40
109.0	55.90	0.72	62.71	23.29	0.77	24.27
110.0	57.53	0.69	66.01	23.93	0.70	25.00
111.0	58.32	0.66	65.96	24.60	0.65	25.75
112.0	58.53	0.64	64.55	25.33	0.61	26.57
112.5	58.36	0.63	62.77	25.72	0.60	27.03
113.0	58.73	0.62	61.78	26.13	0.58	27.47
115.0	58.05	0.58	59.77	27.92	0.53	29.44
120.0	59.88	0.50	61.30	34.81	0.45	34.39
125.0	64.97	0.45	69.06	43.08	0.40	32.33
150.0	56.17	0.34	56.68	22.59	0.33	21.55
175.0	56.51	0.31	55.84	20.37	0.29	19.48
200.0	58.19	0.29	57.75	20.08	0.27	19.25
250.0	59.03	0.26	59.67	21.32	0.22	20.61
300.0	58.21	0.23	58.91	24.09	0.18	22.92
350.0	57.24	0.23	58.18	26.88	0.15	25.26
400.0	56.93	0.23	57.23	27.88	0.11	26.83
450.0	56.41	0.24	56.92	27.06	0.09	25.75
500.0	56.11	0.26	56.32	23.85	0.08	23.84
550.0	55.82	0.28	55.56	22.30	0.06	22.00
600.0	54.95	0.30	55.26	20.14	0.04	20.23
650.0	54.85	0.33	55.07	19.32	0.05	19.10
700.0	51.54	0.36	53.10	18.03	0.05	18.02
750.0	52.74	0.38	53.63	17.41	0.04	17.28
800.0	52.19	0.40	53.12	16.69	0.06	16.78
850.0	52.31	0.42	52.64	16.27	0.08	16.45
900.0	50.97	0.44	51.57	16.30	0.10	16.27
950.0	50.04	0.45	48.52	16.37	0.14	16.37
1000.0	51.56	0.45	51.58	16.62	0.16	16.46
1200.0	49.75	0.43	48.64	20.29	0.30	19.79
1220.0	49.40	0.42	48.60	21.01	0.31	20.48