

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)		Cross over isolation (dB) (between LFP and HPF)	RETURN LOSS (dB)		
	Lowpass port	Highpass port		Common port	Lowpass port	Highpass port
1	0.04	85.70	87.18	51.54	51.03	0.03
10	0.08	75.18	74.13	34.87	34.81	0.01
15	0.10	72.84	71.97	32.20	32.01	0.00
20	0.11	73.54	74.31	31.39	31.00	0.02
30	0.14	79.20	86.53	35.87	34.91	0.06
40	0.20	74.48	72.62	35.63	35.94	0.13
50	0.30	79.72	79.04	28.11	27.57	0.25
55	0.39	79.31	77.13	29.48	29.07	0.34
60	0.50	71.47	70.26	35.00	38.45	0.45
65	0.71	72.36	73.34	29.02	27.15	0.59
65.5	0.74	76.62	76.42	28.56	26.56	0.60
66	0.77	76.51	76.99	28.23	26.17	0.62
67	0.83	64.08	65.02	28.06	25.85	0.65
68	0.91	57.28	57.21	28.60	26.56	0.68
69	1.01	51.04	51.63	29.74	29.27	0.73
70	1.13	46.18	46.73	28.91	37.15	0.77
71	1.30	42.02	42.59	23.82	27.76	0.81
72	1.57	38.49	38.77	18.35	19.19	0.87
73	2.04	35.50	35.38	13.72	13.50	0.95
74	2.87	32.11	32.47	9.96	9.24	1.03
75	4.28	26.87	30.24	7.10	6.07	1.16
76	6.45	20.73	28.81	5.18	3.87	1.36
77	9.45	15.31	28.19	4.19	2.49	1.72
78	13.24	10.96	28.34	4.02	1.70	2.37
79	17.80	7.63	29.21	4.65	1.26	3.49
79.5	20.35	6.32	29.92	5.25	1.12	4.27
80	23.05	5.24	30.82	6.05	1.01	5.22
80.5	25.84	4.36	31.87	7.03	0.93	6.33
81	28.63	3.67	33.07	8.18	0.86	7.59
81.5	31.33	3.12	34.43	9.48	0.81	8.99
82	33.85	2.70	35.87	10.90	0.77	10.53
84	41.65	1.77	42.33	17.63	0.65	17.88
85	45.19	1.54	45.80	21.56	0.61	22.52
86	48.79	1.39	49.49	25.80	0.58	28.67
87	52.48	1.28	53.26	29.67	0.55	39.69
88	56.57	1.20	57.19	31.45	0.53	40.52
88.5	59.01	1.16	59.37	31.39	0.52	35.66
90	66.44	1.08	66.79	30.12	0.50	29.95
91	71.60	1.03	69.84	29.46	0.49	28.35
92	77.40	0.99	77.65	29.18	0.48	27.41
94	84.14	0.92	79.47	29.33	0.46	26.51
94.5	80.08	0.91	78.26	29.46	0.45	26.41
95	78.40	0.90	81.66	29.65	0.45	26.33
100	73.85	0.78	76.33	32.40	0.42	26.41
110	67.89	0.66	68.07	30.35	0.40	26.61
115	67.46	0.62	67.79	27.74	0.40	25.98
120	68.84	0.59	68.71	25.94	0.39	25.14
125	69.10	0.57	69.33	24.71	0.39	24.32
126	69.16	0.57	70.50	24.51	0.39	24.16
128	69.68	0.56	70.15	24.16	0.39	23.87
200	66.90	0.45	66.03	25.27	0.34	22.62
250	63.55	0.43	63.90	31.93	0.32	24.72
300	62.79	0.43	62.22	53.49	0.30	26.76
500	58.93	0.46	57.99	22.84	0.26	21.95
700	55.88	0.53	54.33	19.53	0.30	19.12
900	54.17	0.56	52.94	19.64	0.37	21.78
1000	52.95	0.56	52.51	20.72	0.41	27.02
1175	50.34	0.60	48.93	21.73	0.51	29.27
1200	50.34	0.61	48.90	21.38	0.52	26.83
1220	49.63	0.61	48.80	21.03	0.53	25.18