

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)			Cross over isolation (dB)			RETURN LOSS (dB)			
	Lowpass port	Bandpass port	Highpass port	(between LPF and HPF)	(between BPF and HPF)	(between LPF and BPF)	Common port	Lowpass port	Bandpass port	Highpass port
0.3	0.33	104.32	98.05	92.49	86.74	96.06	29.06	28.87	0.02	0.00
1	0.31	118.76	98.06	102.99	78.08	98.73	29.29	28.77	0.01	0.00
2	0.32	110.30	98.63	98.68	72.01	109.52	29.82	28.10	0.00	0.00
3	0.33	103.34	116.32	108.99	68.50	104.23	30.58	27.02	0.00	0.00
6	0.36	114.58	101.51	98.56	62.44	99.69	32.52	23.95	0.00	0.00
7	0.37	97.89	101.56	96.77	61.10	96.69	32.40	23.27	0.00	0.00
9	0.41	105.19	97.19	101.21	58.91	103.29	32.20	22.84	0.00	0.00
9.8	0.43	108.97	102.87	99.63	58.27	98.40	32.92	23.14	0.00	0.00
10.2	0.44	102.93	94.57	99.04	57.77	98.06	33.63	23.44	0.00	0.00
12	0.49	105.36	100.94	100.16	56.44	99.31	45.03	27.11	0.00	0.00
14	0.57	94.04	117.89	108.84	55.10	99.13	26.08	37.20	0.00	0.00
15	0.64	96.79	109.45	95.04	54.51	92.88	20.87	24.65	0.00	0.00
17	0.93	93.47	105.71	103.96	53.45	100.57	13.56	14.55	0.00	0.00
22	3.87	90.57	98.35	99.42	51.22	94.47	3.87	3.88	0.00	0.00
35	20.76	86.09	96.36	103.53	47.20	93.22	0.44	0.54	0.01	0.00
43	30.50	82.01	91.77	97.08	45.38	93.08	0.29	0.45	0.01	0.00
50	39.68	81.87	103.01	117.80	44.12	88.19	0.22	0.41	0.01	0.00
54	46.66	82.95	92.97	93.70	43.49	86.20	0.20	0.39	0.01	0.00
59	63.12	83.70	101.23	94.48	42.74	86.04	0.18	0.36	0.01	0.00
65	50.86	81.33	98.28	99.37	41.91	84.78	0.15	0.34	0.02	0.00
75	45.79	80.23	98.54	97.08	40.71	83.29	0.13	0.30	0.02	0.00
79	45.07	81.63	97.35	99.62	40.29	81.04	0.12	0.28	0.02	0.00
88	44.31	81.47	91.83	95.78	39.41	80.44	0.10	0.25	0.03	0.00
150	45.35	62.97	92.92	95.65	35.41	75.55	0.06	0.14	0.08	0.00
250	47.67	36.05	72.12	93.98	33.38	71.89	0.08	0.08	0.25	0.01
275	48.22	31.39	66.87	92.59	33.64	71.18	0.09	0.07	0.30	0.01
350	50.24	19.64	52.92	91.62	37.75	74.65	0.20	0.05	0.53	0.02
400	52.99	13.17	45.23	100.53	51.84	69.16	0.46	0.05	0.82	0.01
475	63.84	5.53	35.93	89.61	33.04	56.70	2.06	0.04	2.33	0.02
500	58.90	3.73	33.63	86.66	30.44	54.06	3.33	0.04	3.52	0.02
600	48.60	0.64	28.86	76.33	27.49	48.97	15.41	0.04	14.55	0.04
650	47.60	0.42	27.94	74.67	27.69	48.13	34.57	0.04	25.84	0.05
800	47.25	0.45	26.26	71.14	27.29	46.77	15.44	0.05	15.75	0.06
852	47.21	0.45	25.79	70.34	26.79	46.38	14.94	0.05	15.12	0.07
925	46.98	0.44	25.21	69.76	26.07	45.91	15.08	0.05	15.17	0.08
1050	46.09	0.40	24.43	67.82	25.08	45.08	16.75	0.06	16.58	0.09
1125	45.33	0.37	24.11	67.31	24.69	44.66	18.33	0.06	17.95	0.10
1325	43.60	0.36	23.96	64.47	24.45	42.18	24.17	0.07	21.88	0.13
1550	41.46	0.34	25.30	66.29	25.60	42.00	29.57	0.07	26.69	0.17
1575	41.38	0.35	25.59	66.53	25.85	41.92	30.39	0.08	27.41	0.18
1650	41.15	0.36	26.72	67.36	26.79	41.60	33.63	0.08	30.57	0.21
1750	40.83	0.37	28.98	70.00	28.52	41.16	45.70	0.09	44.54	0.27
1775	40.73	0.38	29.68	71.19	28.98	41.06	41.17	0.09	48.15	0.29
1872	40.29	0.43	31.22	80.41	29.58	40.67	27.58	0.09	27.74	0.43
1940	39.83	0.51	28.33	76.69	27.50	40.41	22.47	0.09	22.25	0.61
2100	38.51	1.19	19.27	60.13	20.59	40.59	13.74	0.10	12.23	1.88
2240	36.28	1.55	21.43	62.56	21.79	40.57	8.31	0.11	7.97	1.58
2400	34.74	3.17	13.96	51.95	19.50	41.15	4.92	0.14	4.29	1.06
2500	35.30	5.16	8.18	45.16	17.33	42.25	4.15	0.33	2.62	1.72
2560	39.32	6.77	5.85	44.79	16.72	45.89	4.27	0.27	1.91	2.51
2640	40.85	9.35	3.69	42.54	16.69	48.44	5.09	0.17	1.28	4.05
2960	39.76	20.35	0.79	38.24	22.14	58.42	13.33	0.17	0.52	14.43
3000	39.42	21.57	0.71	38.01	23.13	59.61	14.39	0.17	0.49	15.69
3300	38.05	31.86	0.56	37.03	31.55	62.31	16.84	0.22	0.38	17.69
3370	37.80	35.15	0.57	36.80	33.51	61.88	16.62	0.25	0.40	17.40
3400	37.68	36.06	0.56	36.78	34.56	63.45	16.59	0.26	0.39	17.21
3825	36.68	36.95	0.78	36.44	36.23	71.78	18.75	1.31	0.35	20.60
3975	36.45	35.17	0.63	39.95	34.87	70.91	23.75	5.48	0.32	27.72
4175	36.26	33.97	0.50	38.14	33.85	70.44	36.83	1.73	0.34	58.20
4620	34.80	33.76	0.57	35.15	33.35	72.51	18.88	0.40	0.36	18.35

