

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
0.5	0.09	89.37	108.65	94.86	95.31	85.54	46.75	46.03	0.05	0.05
1	0.09	81.12	97.78	99.04	105.07	82.23	47.10	45.95	0.05	0.05
2	0.09	75.56	98.82	101.16	104.13	75.76	44.36	44.34	0.05	0.05
20	0.12	55.57	101.38	102.95	100.63	55.63	28.32	28.26	0.04	0.04
75	0.23	44.25	96.82	88.26	110.00	44.45	18.75	18.59	0.04	0.03
135	0.33	39.83	83.45	82.28	107.62	40.15	16.14	16.14	0.04	0.03
230	0.40	38.26	71.07	71.44	92.63	38.61	16.75	17.63	0.05	0.04
310	0.41	42.80	64.21	64.92	87.49	43.27	24.31	24.48	0.08	0.05
345	0.43	49.98	62.42	62.70	83.41	50.47	38.73	41.11	0.10	0.06
400	0.59	55.04	58.92	59.11	78.43	55.60	18.50	21.13	0.14	0.07
420	0.66	76.00	57.28	57.96	77.07	66.49	18.00	20.56	0.16	0.08
460	0.82	32.61	55.01	55.58	72.23	33.20	26.30	33.46	0.22	0.09
480	1.23	23.06	55.20	54.71	68.44	25.19	14.09	14.80	0.30	0.10
495	2.21	16.61	54.57	54.75	64.47	20.31	8.15	8.66	0.47	0.11
530	13.48	6.12	47.26	64.30	56.29	16.73	2.66	1.70	2.10	0.12
560	27.36	2.25	46.59	76.39	52.32	22.92	6.07	0.89	5.90	0.13
585	32.15	0.88	48.47	84.30	50.42	30.99	14.28	0.69	13.44	0.14
600	37.37	0.63	48.98	96.99	49.66	36.92	26.49	0.61	22.12	0.15
610	41.74	0.58	48.68	93.71	49.26	41.41	31.55	0.57	27.36	0.15
625	49.91	0.57	47.77	89.21	48.69	48.97	19.60	0.53	20.65	0.16
635	55.76	0.59	47.06	83.95	48.35	52.83	17.14	0.50	18.16	0.16
650	55.29	0.60	46.09	81.94	47.80	52.65	15.42	0.46	16.35	0.17
730	54.32	0.51	43.56	80.95	44.86	53.40	18.74	0.32	19.98	0.21
765	57.64	0.47	42.98	81.11	43.81	56.95	24.54	0.28	28.20	0.23
810	63.02	0.47	41.90	87.12	42.71	62.64	23.11	0.24	25.48	0.26
825	64.96	0.49	41.54	79.28	42.43	64.34	20.98	0.23	22.48	0.27
850	64.60	0.52	40.93	65.52	41.84	65.94	18.48	0.22	19.43	0.30
890	63.83	0.58	40.15	73.83	41.60	62.28	16.29	0.19	16.98	0.33
910	62.74	0.60	40.04	73.32	41.60	60.91	15.84	0.18	16.47	0.35
935	60.91	0.62	40.34	71.31	41.70	59.72	15.78	0.17	16.30	0.39
960	59.95	0.62	40.73	80.82	42.23	59.32	16.20	0.16	16.59	0.42
1035	58.82	0.63	44.29	85.16	44.70	58.35	21.04	0.13	20.02	0.59
1095	57.98	0.71	43.01	75.45	43.89	57.30	21.40	0.12	19.50	0.80
1105	57.72	0.74	42.54	72.80	43.80	57.03	20.12	0.12	18.63	0.84
1120	57.74	0.79	42.08	70.52	43.89	56.36	18.31	0.12	17.31	0.90
1150	58.17	0.92	41.86	68.38	44.15	55.89	15.53	0.11	15.14	0.98
1165	58.13	0.99	38.86	67.84	41.18	56.27	14.67	0.12	14.40	1.01
1205	58.22	1.15	26.75	66.19	29.84	56.19	14.45	0.11	14.32	1.05
1245	55.11	1.33	19.12	70.92	21.07	55.00	24.70	0.11	22.18	1.20
1275	51.96	2.25	14.09	69.99	16.36	53.69	13.75	0.11	12.33	1.62
1335	51.58	13.67	2.61	55.96	18.89	58.58	8.27	0.12	1.47	7.39
1345	52.10	16.28	2.03	55.50	20.52	60.43	9.43	0.12	1.20	9.05
1390	53.41	26.46	0.99	54.58	28.08	72.68	14.63	0.13	0.71	15.61
1405	53.60	29.27	0.88	54.25	30.30	75.92	15.43	0.14	0.64	16.40
1435	53.28	33.81	0.76	53.41	33.63	63.20	15.91	0.16	0.55	16.38
1525	47.27	38.00	0.57	46.78	36.96	41.64	17.77	0.67	0.42	17.38
1555	41.29	38.28	0.51	40.82	37.57	32.85	19.43	4.29	0.41	18.83
1565	39.64	38.59	0.50	39.04	37.97	30.50	20.13	16.23	0.41	19.46
1580	42.18	38.98	0.48	41.52	38.45	31.54	21.35	4.33	0.40	20.55
1595	45.73	39.35	0.47	44.32	38.60	34.74	22.62	1.43	0.41	22.04
1600	50.69	38.08	0.47	48.58	37.41	34.52	23.07	1.10	0.41	22.44
1665	87.12	39.00	0.40	78.87	38.84	40.85	30.18	0.24	0.36	30.20
1830	56.25	42.18	0.44	55.79	42.03	43.73	16.96	0.16	0.37	17.54
1855	54.10	42.78	0.45	54.11	42.54	42.98	16.12	0.16	0.37	16.61
1890	50.76	43.64	0.47	50.91	43.37	41.23	15.24	0.18	0.37	15.61
1960	35.04	44.06	0.52	35.19	45.60	26.47	14.09	2.58	0.46	14.31
2050	56.67	44.98	0.53	56.70	43.78	43.14	13.51	0.18	0.41	13.59
2160	72.89	45.96	0.51	71.64	46.01	45.40	13.77	0.16	0.43	13.62
2405	46.52	39.50	0.43	48.46	40.75	37.38	16.36	0.16	0.53	15.16
2485	46.91	41.99	0.42	50.21	44.83	37.05	16.55	0.16	0.56	15.14