

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)		CROSS OVER ISOLATION (dB) (between LPF and HPF)	RETURN LOSS (dB)		
	Low Pass port	High Pass port		Common port	Low Pass port	High Pass port
10.0	0.03	102.79	102.61	48.98	50.10	0.00
20.0	0.04	103.15	100.10	46.19	47.03	0.00
30.0	0.06	104.68	100.82	43.87	44.92	0.00
40.0	0.07	107.39	93.44	41.88	42.45	0.00
50.0	0.07	95.03	99.52	39.75	40.40	0.01
60.0	0.08	93.06	90.47	37.92	38.50	0.01
80.0	0.09	90.37	92.43	34.83	35.97	0.01
100.0	0.10	84.19	88.89	32.84	34.13	0.01
120.0	0.12	81.00	81.94	30.90	32.24	0.02
150.0	0.13	75.81	76.71	28.88	29.83	0.02
200.0	0.16	68.70	69.50	26.12	27.44	0.04
260.0	0.19	62.02	62.59	24.03	25.07	0.05
300.0	0.21	58.81	59.01	22.80	23.85	0.07
350.0	0.23	55.14	55.19	21.65	22.45	0.08
360.0	0.24	54.54	54.50	21.45	22.24	0.08
400.0	0.26	52.17	52.01	20.79	21.46	0.10
500.0	0.31	47.53	46.98	20.06	20.38	0.14
600.0	0.35	44.20	43.38	20.70	20.62	0.20
700.0	0.38	42.26	41.47	23.54	23.06	0.26
800.0	0.44	43.63	42.77	29.73	28.46	0.34
858.0	0.50	51.81	48.36	29.28	28.58	0.40
900.0	0.57	49.43	47.91	26.53	25.49	0.45
950.0	0.69	36.22	36.35	22.33	21.02	0.53
960.0	0.73	34.44	34.66	21.33	19.99	0.54
980.0	0.82	31.11	31.62	19.06	17.73	0.59
990.0	0.88	29.50	30.26	17.80	16.52	0.61
1000.0	0.96	27.89	28.95	16.48	15.26	0.64
1020.0	1.19	24.62	26.56	13.78	12.67	0.70
1060.0	2.15	18.01	22.62	8.79	7.72	0.92
1080.0	3.09	14.94	21.19	6.79	5.63	1.10
1100.0	4.48	12.22	20.22	5.27	3.94	1.37
1120.0	6.38	9.96	19.74	4.28	2.71	1.72
1140.0	8.79	8.14	19.71	3.78	1.88	2.16
1160.0	11.62	6.69	20.04	3.69	1.36	2.69
1180.0	14.79	5.52	20.63	3.90	1.05	3.32
1200.0	18.17	4.57	21.41	4.36	0.87	4.04
1220.0	21.58	3.79	22.34	5.01	0.76	4.88
1300.0	28.85	1.81	27.09	9.31	0.57	9.68
1340.0	30.51	1.33	29.98	12.50	0.52	13.20
1360.0	31.58	1.16	31.53	14.42	0.50	15.38
1400.0	34.23	0.94	34.87	19.30	0.47	21.23
1480.0	41.41	0.76	42.87	33.54	0.43	30.23
1500.0	43.67	0.74	45.36	29.03	0.42	26.01
1550.0	50.81	0.70	53.60	22.97	0.40	21.17
1600.0	65.06	0.69	68.21	20.29	0.39	19.09
1620.0	72.56	0.68	61.42	19.66	0.38	18.57
1650.0	60.30	0.67	55.99	18.97	0.38	18.05
1700.0	54.49	0.66	52.20	18.29	0.37	17.63
1750.0	51.98	0.64	50.48	18.00	0.36	17.52
1800.0	50.68	0.63	49.62	17.99	0.36	17.73
1850.0	49.88	0.62	49.11	18.09	0.35	18.03
1900.0	49.30	0.60	48.87	18.32	0.35	18.52
2000.0	48.64	0.57	48.71	18.82	0.34	19.62
2200.0	48.27	0.55	48.77	18.93	0.33	20.89
2300.0	48.27	0.54	48.81	18.37	0.33	20.46
2400.0	48.34	0.55	48.87	17.65	0.33	19.59
2450.0	48.35	0.56	48.84	17.23	0.33	19.06
2500.0	48.37	0.56	48.90	16.87	0.33	18.59
2600.0	48.40	0.58	49.05	16.19	0.33	17.70
2700.0	48.38	0.59	49.23	15.66	0.33	16.99
3000.0	48.36	0.64	50.10	14.47	0.33	15.39
3500.0	46.30	0.87	48.69	13.76	0.33	13.75
4000.0	45.67	1.04	47.99	10.40	0.37	10.54

