

Typical Performance Data

FREQUENCY (GHz)	INSERTION LOSS (dB)		Cross over isolation (dB) (between LPF and HPF)	RETURN LOSS (dB)		
	Lowpass port	Highpass port		Common port	Lowpass port	Highpass port
1.00	0.02	91.75	82.11	51.55	51.27	0.01
10.00	0.06	81.26	80.19	40.90	41.37	0.00
50.00	0.14	70.19	70.88	32.68	36.85	0.02
100.00	0.24	67.37	67.16	29.74	30.10	0.08
125.00	0.31	61.78	61.55	28.00	28.01	0.15
150.00	0.40	56.65	56.53	27.41	27.78	0.24
175.00	0.53	52.20	52.35	36.75	40.12	0.36
200.00	0.87	49.19	49.84	28.12	26.49	0.55
204.00	0.96	47.79	48.66	33.08	30.67	0.60
205.00	1.00	47.38	48.28	35.34	33.00	0.61
206.00	1.03	47.05	47.79	36.03	35.22	0.62
210.00	1.23	45.23	45.69	22.86	22.91	0.67
218.00	2.83	42.58	40.51	8.58	7.87	0.79
218.50	3.06	42.34	40.25	8.00	7.28	0.80
222.00	5.26	37.42	38.75	4.89	4.08	0.87
225.00	8.07	30.57	38.15	3.36	2.49	0.97
228.00	11.56	24.40	38.07	2.58	1.63	1.09
229.00	12.85	22.53	38.13	2.44	1.44	1.15
230.00	14.18	20.75	38.21	2.35	1.30	1.21
231.00	15.57	19.03	38.35	2.29	1.18	1.29
232.00	17.01	17.37	38.48	2.28	1.09	1.39
233.00	18.51	15.78	38.67	2.31	1.01	1.51
234.00	20.07	14.24	38.89	2.39	0.95	1.66
236.00	23.44	11.36	39.50	2.70	0.85	2.09
238.00	27.20	8.77	40.39	3.31	0.78	2.76
239.00	29.28	7.61	40.96	3.75	0.75	3.23
239.50	30.36	7.07	41.28	4.01	0.74	3.50
241.00	33.89	5.62	42.48	5.01	0.71	4.50
242.00	36.39	4.80	43.37	5.85	0.70	5.33
245.00	44.01	3.03	46.90	9.29	0.65	8.62
246.00	46.10	2.64	48.21	10.75	0.64	9.97
258.00	56.49	1.16	57.66	29.49	0.53	24.91
300.00	58.15	0.58	58.46	22.91	0.37	23.76
350.00	66.89	0.41	67.11	30.71	0.27	31.19
400.00	83.04	0.34	82.77	35.91	0.22	36.59
450.00	89.33	0.32	92.26	29.20	0.19	29.78
500.00	85.33	0.31	85.53	28.36	0.17	28.82
650.00	78.82	0.30	79.07	35.32	0.18	34.63
700.00	78.51	0.31	79.51	36.29	0.18	34.16
750.00	76.16	0.31	76.82	33.29	0.19	31.44
800.00	76.73	0.32	75.67	30.03	0.19	28.93
850.00	73.07	0.33	74.33	27.89	0.20	27.04
900.00	73.29	0.35	73.60	26.34	0.21	25.70
950.00	73.29	0.36	71.78	25.20	0.22	24.66
1000.00	71.22	0.37	71.23	24.53	0.24	24.07
1100.00	70.62	0.39	70.11	24.00	0.26	23.60
1150.00	69.29	0.39	69.07	24.11	0.27	23.76
1200.00	68.14	0.43	68.18	24.18	0.29	23.48
1220.00	69.31	0.43	69.46	26.16	0.30	24.81
1300.00	67.59	0.41	68.04	26.74	0.32	26.23
1350.00	66.89	0.41	67.00	28.33	0.34	27.77
1400.00	64.53	0.42	65.35	30.37	0.36	29.77
1450.00	67.13	0.42	66.66	32.71	0.39	33.87
1500.00	65.35	0.43	65.16	32.57	0.42	39.90
1550.00	65.82	0.44	64.31	29.77	0.45	37.73
1600.00	63.97	0.45	63.85	26.63	0.48	31.39
1650.00	63.76	0.47	62.76	23.92	0.53	27.20
1670.00	63.38	0.48	62.71	22.97	0.55	25.95
1680.00	63.60	0.49	62.26	22.57	0.56	25.36
1700.00	63.05	0.50	62.17	21.71	0.58	24.22