

## 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
0.01	0.02	102.05	101.02	47.95	45.76	0.00
0.10	0.07	85.34	85.63	30.41	30.62	0.05
0.70	0.26	62.39	62.09	18.14	18.21	0.18
1.00	0.31	56.91	57.27	18.07	17.78	0.18
1.50	0.33	51.65	52.24	24.76	22.92	0.19
1.70	0.38	50.25	50.73	22.02	21.37	0.20
1.80	0.42	49.47	50.06	19.48	19.16	0.20
1.90	0.47	48.66	49.33	17.54	17.31	0.20
2.00	0.53	47.66	48.50	16.04	15.78	0.21
2.10	0.59	46.60	47.60	15.04	14.81	0.21
2.20	0.63	45.44	46.49	14.75	14.57	0.22
2.36	0.66	43.41	44.41	16.29	16.26	0.23
2.40	0.65	42.87	43.86	17.43	17.53	0.24
2.41	0.65	42.74	43.72	17.75	17.85	0.24
2.50	0.67	41.53	42.39	22.19	23.52	0.24
2.57	0.72	40.44	41.34	25.28	32.16	0.25
2.60	0.77	39.91	40.87	23.54	27.28	0.26
2.65	0.90	38.87	40.15	18.31	19.86	0.26
2.70	1.11	37.66	39.51	14.34	15.54	0.27
2.75	1.52	36.16	38.98	10.75	12.19	0.28
2.82	2.98	33.29	39.06	5.97	7.55	0.29
2.84	3.79	32.31	39.41	4.78	6.23	0.30
2.86	4.88	31.35	40.05	3.71	5.08	0.30
2.88	6.31	30.45	41.01	2.79	4.05	0.30
2.90	8.10	29.63	42.30	2.10	3.20	0.31
2.96	15.61	27.81	47.92	1.05	1.78	0.32
3.00	23.06	26.91	53.51	0.83	1.36	0.33
3.06	34.99	25.80	76.44	0.70	1.01	0.35
3.18	24.83	23.70	54.56	0.66	0.73	0.38
3.20	24.69	23.38	53.64	0.65	0.69	0.39
3.22	24.69	23.06	52.93	0.64	0.67	0.39
3.26	24.87	22.35	51.70	0.66	0.63	0.41
3.30	25.39	21.72	50.84	0.64	0.58	0.42
3.32	25.67	21.37	50.52	0.66	0.57	0.42
3.40	27.25	20.07	49.27	0.69	0.51	0.45
3.44	28.19	19.41	48.73	0.72	0.49	0.48
3.48	29.22	18.77	48.33	0.76	0.47	0.49
3.50	29.75	18.43	48.05	0.79	0.47	0.50
3.54	30.96	17.82	47.70	0.82	0.45	0.53
3.56	31.58	17.50	47.49	0.86	0.44	0.54
3.60	32.87	16.85	47.06	0.95	0.44	0.57
3.80	41.68	13.74	45.44	1.68	0.39	0.77
3.98	46.52	10.59	43.86	2.89	0.38	1.12
4.00	46.38	10.20	43.63	3.02	0.38	1.18
4.10	45.86	8.37	42.68	3.24	0.37	1.53
4.20	44.92	6.74	41.90	3.32	0.35	1.99
4.30	43.45	5.32	41.38	3.64	0.35	2.62
4.40	42.26	4.11	41.09	4.34	0.34	3.45
4.50	41.58	3.11	41.07	5.43	0.34	4.59
4.70	41.80	1.73	41.72	8.60	0.32	7.83
5.00	44.45	0.87	44.17	16.57	0.31	15.54
5.10	45.63	0.77	45.17	19.79	0.31	18.86
5.30	47.97	0.67	47.14	27.22	0.28	26.56
5.38	48.70	0.66	47.75	28.93	0.28	28.41
5.39	48.80	0.66	47.82	29.36	0.28	28.27
5.50	49.51	0.65	48.46	28.99	0.28	26.31
5.80	49.19	0.68	48.37	19.96	0.26	19.26
5.90	48.45	0.71	47.86	18.00	0.25	17.36
5.95	48.14	0.72	47.66	16.96	0.25	16.60
6.00	47.71	0.77	47.32	16.36	0.25	15.70