

Ceramic High Pass Filter

HFCN-2000

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS (dB)			INPUT RETURN LOSS (dB)			OUTPUT RETURNLOSS (dB)		
	@ -55° C	@ +25° C	@ +100° C	@ -55° C	@ +25° C	@ +100° C	@ -55° C	@ +25° C	@ +100° C
1	115.15	99.34	98.50	0.02	0.04	0.06	0.02	0.04	0.05
50	85.18	69.34	68.75	0.08	0.10	0.11	0.09	0.12	0.14
100	87.71	74.05	85.09	0.12	0.12	0.14	0.12	0.14	0.17
700	64.69	64.94	66.07	0.24	0.31	0.39	0.25	0.32	0.38
980	57.44	57.92	57.72	0.30	0.39	0.50	0.28	0.38	0.46
1155	64.73	65.09	62.43	0.31	0.44	0.55	0.32	0.44	0.52
1255	49.60	48.31	47.16	0.35	0.49	0.62	0.37	0.50	0.59
1300	44.30	43.12	42.39	0.35	0.51	0.64	0.37	0.52	0.62
1345	39.63	38.75	37.93	0.37	0.53	0.68	0.41	0.56	0.67
1465	29.42	28.71	28.01	0.45	0.64	0.81	0.46	0.66	0.77
1530	24.58	23.93	23.25	0.51	0.71	0.92	0.56	0.75	0.91
1600	19.74	19.09	18.44	0.66	0.90	1.14	0.68	0.91	1.10
1675	14.88	14.26	13.65	0.94	1.24	1.53	0.93	1.22	1.47
1760	9.90	9.39	8.91	1.58	1.99	2.40	1.53	1.94	2.30
1870	5.00	4.82	4.65	3.49	4.11	4.70	3.40	4.01	4.53
1950	2.95	2.97	2.97	5.82	6.49	7.13	5.65	6.26	6.83
2000	2.21	2.31	2.38	7.46	8.04	8.64	7.26	7.78	8.29
2150	1.18	1.36	1.49	11.22	11.53	11.91	11.00	11.13	11.40
2260	0.95	1.12	1.26	12.36	12.65	13.02	12.16	12.29	12.47
2300	0.88	1.05	1.19	12.57	12.87	13.28	12.34	12.54	12.72
2400	0.79	0.95	1.08	12.92	13.35	13.85	12.79	13.12	13.39
2405	0.79	0.95	1.06	12.95	13.38	13.88	12.84	13.19	13.48
2410	0.78	0.95	1.05	12.95	13.41	13.90	12.86	13.21	13.50
2800	0.50	0.64	0.77	16.52	17.05	17.44	15.94	16.58	17.00
3500	0.36	0.53	0.67	25.49	24.10	23.58	23.17	22.60	22.44
4000	0.30	0.53	0.67	20.92	20.44	20.62	20.48	20.16	20.30
4500	0.35	0.58	0.72	23.57	24.12	25.06	23.42	24.61	24.86
5100	0.43	0.63	0.81	23.89	22.96	21.50	26.37	24.22	23.40
5550	0.59	0.84	1.01	13.65	14.39	14.76	14.04	14.51	14.43
5600	0.73	0.86	1.13	13.19	13.70	14.30	13.70	13.83	13.93
5800	0.80	1.06	1.23	11.52	11.65	12.12	11.73	11.75	11.72
6000	1.07	1.39	1.56	9.72	9.73	9.68	9.84	9.69	9.32
6150	1.08	1.44	1.70	9.13	8.70	8.88	9.01	8.61	8.51
6250	1.22	1.65	1.88	8.51	8.15	8.10	8.44	8.06	7.82
7000	2.64	2.96	3.31	4.75	4.77	4.60	4.59	4.68	4.62
7500	3.65	3.92	4.25	3.36	3.60	3.69	3.28	3.51	3.67
8000	4.74	4.99	5.26	2.70	2.84	3.20	2.68	2.75	3.06
9000	6.14	6.69	7.18	2.03	2.15	2.36	1.83	1.87	1.91
10000	21.91	19.92	18.73	2.29	2.28	2.34	0.53	0.85	0.99
11000	27.59	23.39	20.32	0.78	1.21	1.69	0.52	0.92	1.27
12000	5.87	5.65	5.52	2.63	3.50	4.42	2.49	3.01	3.66
13000	2.88	3.21	3.85	6.37	7.69	9.45	4.90	5.76	6.05

