

Ceramic High Pass Filter

HFCN-8400D+

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS (dB)			INPUT RETURN LOSS (dB)			OUTPUT RETURNLOSS (dB)		
	@ -40° C	@ +25° C	@ +85° C	@ -40° C	@ +25° C	@ +85° C	@ -40° C	@ +25° C	@ +85° C
10	69.84	64.76	72.03	0.03	0.01	0.01	0.00	0.00	0.00
50	62.39	60.58	61.01	0.02	0.00	0.00	0.01	0.00	0.00
60	61.11	60.38	60.01	0.02	0.00	0.00	0.00	0.00	0.00
70	59.10	58.85	58.81	0.01	0.00	0.00	0.00	0.00	0.00
80	57.81	57.88	58.22	0.01	0.00	0.00	0.00	0.01	0.01
90	57.25	56.64	56.53	0.01	0.00	0.00	0.00	0.00	0.01
100	56.09	55.68	55.95	0.00	0.00	0.00	0.00	0.00	0.01
200	50.16	50.02	49.77	0.00	0.00	0.01	0.01	0.01	0.01
300	46.55	46.48	46.25	0.00	0.00	0.01	0.01	0.01	0.02
400	44.01	43.99	43.89	0.00	0.01	0.02	0.01	0.01	0.03
500	42.06	42.05	42.04	0.00	0.01	0.03	0.01	0.01	0.04
600	40.48	40.49	40.49	0.00	0.02	0.04	0.01	0.02	0.04
700	39.15	39.18	39.20	0.00	0.02	0.04	0.02	0.02	0.05
800	38.02	38.05	38.09	0.00	0.03	0.05	0.02	0.02	0.05
900	37.02	37.04	37.11	0.01	0.04	0.06	0.02	0.02	0.05
1000	36.17	36.16	36.25	0.01	0.03	0.06	0.03	0.01	0.06
1500	32.91	32.92	33.00	0.02	0.07	0.11	0.06	0.01	0.06
2000	30.82	30.97	30.94	0.07	0.12	0.16	0.05	0.02	0.08
2500	30.14	29.90	29.78	0.12	0.16	0.21	0.01	0.04	0.12
3000	29.96	29.65	30.17	0.16	0.21	0.25	0.04	0.09	0.17
3500	30.52	30.21	30.79	0.18	0.25	0.30	0.10	0.13	0.20
4000	32.14	31.86	32.67	0.22	0.30	0.36	0.17	0.18	0.26
4200	33.29	32.92	34.02	0.20	0.29	0.36	0.21	0.22	0.28
4400	34.89	34.44	35.99	0.22	0.33	0.41	0.24	0.25	0.31
4500	35.97	35.42	37.29	0.24	0.35	0.44	0.25	0.26	0.34
4800	41.14	40.06	44.35	0.25	0.39	0.49	0.33	0.34	0.42
5000	49.96	47.25	56.48	0.26	0.43	0.53	0.41	0.42	0.48
5200	47.77	50.03	43.26	0.25	0.45	0.56	0.48	0.50	0.57
5400	38.69	38.97	36.91	0.23	0.47	0.58	0.50	0.56	0.65
5500	36.08	36.03	34.84	0.25	0.52	0.64	0.54	0.61	0.70
5700	32.18	31.77	31.40	0.23	0.51	0.68	0.61	0.69	0.80
6000	28.19	27.77	27.68	0.22	0.53	0.75	0.60	0.76	0.91
6500	23.55	23.45	23.47	0.19	0.52	0.81	0.73	0.96	1.18
7000	21.23	21.33	21.69	0.32	0.53	0.81	0.86	1.03	1.38
7200	21.79	21.91	22.67	0.44	0.60	0.85	0.81	1.04	1.46
7400	24.22	25.01	27.28	0.60	0.72	0.95	0.71	1.03	1.52
7500	27.25	28.94	33.14	0.66	0.74	1.00	0.66	1.04	1.59
8000	10.03	8.23	6.73	2.32	3.14	4.39	1.65	2.39	3.66
8200	4.77	3.91	3.41	4.95	6.77	8.80	4.17	5.43	7.25
8400	2.25	2.09	2.10	9.45	11.74	13.71	8.57	10.10	11.68
8500	1.68	1.67	1.80	11.87	13.96	15.50	10.87	12.42	13.59
9000	0.92	1.09	1.31	13.21	15.59	15.53	14.00	17.46	16.36
9200	0.87	1.12	1.30	12.69	14.15	13.83	13.76	16.72	15.11
9400	0.82	1.25	1.27	12.42	12.20	12.10	13.36	15.99	13.62
9500	0.80	1.42	1.32	12.21	11.16	11.53	13.14	15.40	12.97
10000	0.74	1.14	1.39	11.94	9.89	9.45	12.30	11.15	10.56
10200	0.72	1.05	1.34	11.70	9.91	9.27	11.62	10.54	10.15
10400	0.75	0.97	1.25	11.10	9.97	9.41	10.91	10.21	10.07
10500	0.84	0.98	1.26	10.82	9.95	9.53	10.53	10.20	10.13
11000	0.96	0.84	0.98	9.36	11.03	12.05	9.94	10.88	11.88
11200	0.89	0.78	0.90	9.65	11.73	13.49	10.44	11.79	13.32
11400	0.77	0.67	0.81	10.21	12.58	15.18	11.57	13.66	15.82
11500	0.72	0.71	0.84	10.78	13.47	16.35	12.32	15.07	17.79
13000	1.08	1.28	1.61	8.47	8.44	8.02	10.66	9.39	8.73

REV. X1

HFCN-8400D+

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Page 1 of 1



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