

# Ceramic High Pass Filter

# HFCN-880+

## 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	73.96	82.28	74.30	0.01	0.02	0.01	0.02	0.02	0.00
50	63.45	71.77	63.78	0.01	0.02	0.01	0.01	0.01	0.00
100	63.19	61.97	59.77	0.00	0.00	0.02	0.01	0.04	0.01
200	57.40	56.85	57.15	0.05	0.08	0.09	0.01	0.05	0.04
395	58.01	58.72	59.33	0.14	0.20	0.22	0.13	0.18	0.20
425	64.34	66.61	66.03	0.16	0.23	0.27	0.15	0.22	0.24
460	58.17	56.27	55.13	0.19	0.27	0.30	0.16	0.23	0.28
500	46.62	45.84	45.02	0.22	0.31	0.39	0.20	0.28	0.33
520	42.63	41.83	41.36	0.29	0.37	0.44	0.24	0.36	0.41
590	31.19	30.63	30.16	0.41	0.55	0.62	0.41	0.51	0.60
640	24.19	23.68	23.24	0.54	0.72	0.81	0.51	0.67	0.77
665	20.92	20.44	19.97	0.68	0.88	1.00	0.65	0.79	0.91
750	10.59	10.22	9.82	1.65	2.01	2.37	1.51	1.84	2.14
805	5.39	5.21	5.00	3.66	4.29	5.02	3.43	4.00	4.64
840	3.23	3.20	3.14	6.01	6.88	7.81	5.70	6.47	7.30
880	1.91	1.97	2.05	9.60	10.64	11.63	9.16	10.09	10.96
900	1.51	1.62	1.73	11.42	12.50	13.41	11.01	11.97	12.80
950	1.04	1.17	1.33	15.27	16.29	16.70	15.11	16.07	16.60
960	0.97	1.12	1.25	15.84	16.83	17.12	15.73	16.67	17.13
970	0.94	1.06	1.21	16.38	17.31	17.49	16.27	17.17	17.56
990	0.84	0.98	1.13	17.20	17.99	18.02	17.28	18.12	18.31
1000	0.82	0.97	1.10	17.45	18.20	18.14	17.69	18.51	18.60
1060	0.70	0.83	0.96	18.39	18.82	18.46	18.62	19.17	18.89
1235	0.54	0.66	0.77	17.61	17.47	17.36	17.75	17.57	17.54
1500	0.41	0.49	0.58	18.70	18.84	19.45	18.73	18.93	19.70
1650	0.35	0.44	0.53	22.31	22.25	23.05	22.54	22.64	23.71
2000	0.28	0.36	0.48	26.70	25.94	25.11	27.42	27.11	26.89
2200	0.29	0.40	0.52	19.03	18.52	18.19	19.06	18.64	18.56
2400	0.40	0.52	0.63	14.94	14.63	14.35	14.89	14.64	14.52
2450	0.42	0.55	0.67	14.09	13.81	13.51	14.06	13.83	13.67
2500	0.47	0.60	0.70	13.25	13.02	12.74	13.19	12.99	12.81
2800	0.72	0.86	1.01	9.94	9.82	9.60	9.88	9.77	9.61
3200	1.29	1.42	1.56	6.96	6.98	7.01	7.00	6.97	6.93
4000	2.62	2.85	3.02	3.88	3.95	4.07	3.92	3.95	3.99
4740	4.21	4.54	4.82	2.56	2.60	2.67	2.49	2.55	2.60
5500	6.15	6.39	6.79	1.65	1.90	2.05	1.58	1.79	1.94
6000	7.99	8.11	8.39	1.23	1.51	1.68	1.20	1.41	1.57
6500	9.74	10.05	10.62	1.09	1.26	1.38	1.05	1.22	1.36
7030	16.82	20.06	19.23	0.95	1.34	1.79	0.96	1.49	2.27
7290	5.91	5.71	6.41	6.02	5.11	3.74	9.25	7.13	4.89
8000	9.17	9.77	10.57	1.17	1.28	1.25	1.09	1.23	1.35

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