

# Ceramic High Pass Filter

# HFCN-1320+

## 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	87.11	94.16	90.41	0.01	0.01	0.02	0.01	0.01	0.00
50	57.97	65.03	61.28	0.01	0.00	0.03	0.01	0.00	0.00
100	64.61	69.34	72.86	0.03	0.08	0.04	0.02	0.03	0.02
500	57.46	57.72	57.55	0.06	0.15	0.14	0.07	0.12	0.14
845	51.01	51.56	52.60	0.23	0.29	0.35	0.22	0.28	0.38
880	55.34	55.96	56.44	0.26	0.35	0.41	0.21	0.32	0.37
890	56.68	57.59	58.42	0.28	0.37	0.41	0.25	0.29	0.38
910	61.89	58.39	55.40	0.31	0.39	0.46	0.26	0.34	0.43
955	46.00	44.42	43.06	0.29	0.40	0.48	0.34	0.40	0.51
1000	37.20	36.09	35.09	0.38	0.49	0.57	0.38	0.46	0.55
1030	32.70	31.77	30.85	0.48	0.59	0.71	0.41	0.50	0.58
1060	28.56	27.72	26.89	0.47	0.63	0.76	0.42	0.52	0.64
1075	26.70	25.85	25.05	0.56	0.69	0.86	0.43	0.59	0.70
1120	21.27	20.51	19.76	0.70	0.87	1.03	0.60	0.76	0.92
1165	16.20	15.49	14.74	0.96	1.19	1.47	0.82	1.00	1.23
1210	11.49	10.86	10.20	1.54	1.93	2.40	1.25	1.57	1.90
1275	5.69	5.33	5.00	3.79	4.70	5.75	3.08	3.77	4.47
1320	3.06	2.97	2.96	7.35	8.89	10.53	5.91	6.86	7.76
1350	2.13	2.17	2.21	10.57	12.31	14.04	8.32	9.25	10.04
1400	1.38	1.55	1.65	14.44	15.25	15.64	11.45	11.89	12.23
1595	0.81	0.95	1.04	14.65	14.87	15.23	14.55	14.91	15.57
1700	0.62	0.75	0.86	17.06	17.33	17.69	17.70	18.24	19.14
1765	0.53	0.68	0.77	18.50	18.76	18.95	19.29	20.02	20.78
1800	0.50	0.64	0.74	19.01	19.25	19.29	20.20	20.88	21.46
2000	0.38	0.54	0.63	19.82	19.50	19.40	20.88	20.71	20.64
2400	0.34	0.47	0.54	19.41	19.24	19.46	19.43	19.22	19.22
3250	0.25	0.40	0.50	24.33	24.30	24.25	23.57	23.43	23.21
3700	0.42	0.55	0.69	15.70	15.45	15.35	15.78	15.33	15.31
3750	0.35	0.56	0.69	14.91	14.70	14.62	14.84	14.65	14.53
3800	0.40	0.59	0.70	14.38	14.11	13.96	14.12	13.87	13.69
4500	1.00	1.18	1.27	8.63	8.71	8.81	8.56	8.56	8.56
5000	1.47	1.76	1.88	6.29	6.46	6.58	6.24	6.35	6.36
5500	2.12	2.46	2.64	5.04	5.11	5.25	4.94	4.97	5.04
6000	2.81	3.08	3.41	4.23	4.29	4.39	4.07	4.10	4.21
6500	3.50	3.86	4.20	3.43	3.35	3.60	3.30	3.33	3.47
7000	4.37	4.57	4.80	2.62	2.82	3.07	2.57	2.79	3.05
7500	4.91	5.15	5.34	2.25	2.54	2.71	2.17	2.44	2.68
8000	5.62	5.76	6.03	2.17	2.28	2.58	1.93	2.12	2.44
8500	6.86	7.94	8.18	2.70	4.86	7.09	1.53	1.81	2.05
9000	6.14	6.48	6.78	1.95	2.04	2.16	1.92	2.06	2.20
9500	8.22	9.37	10.79	1.35	1.57	1.83	2.00	2.59	3.43
10000	4.22	4.31	4.43	3.17	3.41	3.67	6.58	5.35	4.83

REV. X1  
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080723  
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