

# Ceramic High Pass Filter

# HFCN-1300D+

## 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	91.75	89.20	95.02	0.00	0.02	0.03	0.01	0.02	0.00
50	71.10	68.53	74.51	0.00	0.00	0.01	0.01	0.02	0.00
100	71.57	68.18	69.20	0.00	0.02	0.02	0.01	0.01	0.02
290	61.02	61.43	61.39	0.02	0.05	0.07	0.02	0.05	0.07
440	60.62	61.20	61.43	0.06	0.11	0.14	0.06	0.11	0.13
465	61.55	61.90	62.59	0.06	0.11	0.15	0.06	0.11	0.14
535	67.60	68.68	70.23	0.09	0.15	0.19	0.08	0.14	0.17
630	59.06	58.07	57.02	0.12	0.20	0.25	0.13	0.19	0.23
680	51.40	50.80	50.29	0.15	0.23	0.29	0.14	0.21	0.25
690	50.26	49.67	49.01	0.16	0.24	0.29	0.14	0.21	0.26
755	43.30	42.85	42.40	0.20	0.28	0.34	0.18	0.26	0.31
895	31.41	30.97	30.53	0.29	0.41	0.48	0.28	0.38	0.45
930	28.71	28.30	27.81	0.34	0.44	0.53	0.33	0.44	0.51
1035	20.89	20.49	19.93	0.48	0.62	0.74	0.50	0.63	0.75
1105	15.82	15.39	14.81	0.69	0.87	1.04	0.73	0.90	1.08
1180	10.53	10.11	9.58	1.23	1.51	1.80	1.31	1.61	1.94
1265	5.29	5.00	4.72	3.00	3.59	4.20	3.26	3.94	4.69
1300	3.66	3.49	3.36	4.49	5.28	6.05	4.91	5.86	6.87
1315	3.11	3.00	2.91	5.30	6.19	7.00	5.83	6.91	8.02
1400	1.31	1.44	1.55	11.63	12.62	13.18	13.48	15.26	16.62
1485	0.87	1.05	1.20	16.04	16.10	15.99	18.72	18.72	18.42
1500	0.84	1.03	1.17	16.26	16.23	16.13	18.45	18.27	17.97
1510	0.83	1.01	1.14	16.30	16.24	16.17	18.19	17.96	17.71
1760	0.58	0.74	0.85	17.91	18.34	19.06	17.61	17.57	17.78
2000	0.47	0.63	0.72	17.96	17.87	18.37	17.31	17.03	17.31
2800	0.40	0.56	0.66	15.02	15.35	15.60	14.89	15.16	15.44
3000	0.33	0.51	0.58	16.36	16.74	17.33	16.48	16.79	17.46
3600	0.29	0.44	0.58	28.28	28.80	28.45	28.76	31.99	32.12
4000	0.32	0.53	0.66	18.70	19.17	19.10	18.88	18.80	18.56
4500	0.69	0.87	1.02	12.49	11.65	11.83	12.13	11.41	11.31
5000	1.08	1.39	1.58	8.41	8.03	7.99	8.10	7.77	7.66
5500	1.83	2.21	2.45	5.78	5.87	6.02	5.55	5.56	5.62
6000	2.88	3.12	3.35	4.22	4.46	4.50	3.98	4.20	4.26
6500	3.75	4.04	4.21	3.39	3.53	3.70	3.19	3.34	3.58
7000	4.43	4.70	5.07	2.83	2.81	2.86	2.61	2.75	2.93
7140	4.43	4.92	5.30	2.66	2.70	2.70	2.59	2.67	2.87
8000	6.09	6.47	7.11	2.01	2.01	1.90	1.92	2.06	2.17
8500	7.44	7.54	8.05	1.26	1.59	1.69	1.51	1.76	1.92
9000	8.85	9.32	9.73	1.06	1.33	1.56	1.39	1.67	1.90
9780	17.62	21.34	23.63	0.84	1.14	1.54	1.21	1.51	1.69
10000	21.94	16.52	12.91	1.11	1.64	2.42	1.07	1.79	2.49
11000	1.56	2.35	3.23	9.25	7.56	6.44	8.42	7.17	6.42

