

# Ceramic High Pass Filter

# HFCN-1600

## 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	76.00	82.28	84.96	0.02	0.02	0.02	0.00	0.02	0.00
50	65.60	71.87	74.56	0.01	0.01	0.01	0.01	0.00	0.00
100	69.76	68.79	70.01	0.01	0.01	0.01	0.00	0.01	0.02
500	58.58	58.67	58.92	0.04	0.10	0.13	0.04	0.09	0.11
1065	59.62	59.08	56.85	0.32	0.43	0.51	0.28	0.38	0.44
1090	55.31	51.85	49.64	0.35	0.45	0.53	0.31	0.41	0.47
1150	40.29	38.84	37.78	0.41	0.53	0.63	0.36	0.46	0.54
1220	30.43	29.52	28.62	0.51	0.65	0.78	0.45	0.57	0.65
1290	22.75	21.92	21.23	0.68	0.87	1.04	0.58	0.73	0.85
1315	20.18	19.43	18.70	0.76	0.98	1.18	0.63	0.81	0.95
1365	15.41	14.72	14.06	1.04	1.32	1.61	0.85	1.08	1.27
1425	10.13	9.60	9.09	1.73	2.21	2.66	1.44	1.82	2.14
1500	4.97	4.72	4.50	4.07	4.99	5.83	3.49	4.16	4.76
1550	2.86	2.83	2.80	7.07	8.28	9.44	6.03	6.87	7.65
1600	1.77	1.87	1.93	10.60	11.94	13.10	8.98	9.80	10.56
1625	1.46	1.59	1.68	12.15	13.33	14.32	10.32	11.08	11.76
1650	1.27	1.42	1.55	13.30	14.21	14.95	11.47	12.11	12.67
1670	1.15	1.32	1.44	13.98	14.67	15.23	12.15	12.70	13.19
1700	1.05	1.22	1.33	14.56	14.98	15.32	13.07	13.50	13.89
1800	0.78	0.96	1.08	15.64	15.84	15.85	15.05	15.44	15.62
1950	0.57	0.72	0.84	18.19	18.58	18.45	18.44	19.21	19.29
2000	0.52	0.67	0.80	19.16	19.68	19.48	19.55	20.46	20.50
2350	0.36	0.49	0.62	23.14	22.51	22.61	24.28	23.22	23.01
2500	0.31	0.46	0.57	23.19	23.23	23.68	24.42	23.87	23.74
3000	0.24	0.40	0.52	32.82	34.60	37.80	33.38	34.09	33.48
3350	0.29	0.44	0.55	24.73	25.46	25.44	25.32	25.13	24.33
3500	0.31	0.45	0.63	20.83	21.52	21.85	21.33	21.46	21.28
4000	0.41	0.62	0.72	14.42	14.44	14.53	14.49	14.42	14.31
4540	0.77	0.97	1.12	10.48	10.29	10.25	10.56	10.34	10.31
5000	1.03	1.30	1.40	8.22	8.26	8.54	8.30	8.23	8.41
5500	1.57	1.81	1.91	6.33	6.70	7.29	6.43	6.67	6.99
6000	2.14	2.45	2.70	5.50	5.55	5.89	5.47	5.41	5.57
6460	2.55	2.88	3.16	4.90	4.84	4.83	4.67	4.66	4.62
7000	3.20	3.41	3.73	3.87	4.03	4.08	3.68	3.89	4.02
7500	3.62	3.81	4.09	3.29	3.61	3.64	3.17	3.50	3.55
8000	4.08	4.26	4.45	3.08	3.33	3.55	3.01	3.20	3.35
8500	4.40	4.63	4.96	2.94	3.09	3.22	2.82	2.88	2.90
9000	4.96	5.75	6.49	2.88	3.10	3.53	2.48	2.42	2.33
9500	3.29	3.48	3.77	6.62	5.65	5.28	4.08	4.16	4.04
10000	3.24	3.27	3.38	3.62	4.13	4.53	3.57	4.06	4.34
11000	6.27	5.18	4.86	2.73	3.37	3.92	5.54	5.20	5.02

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