

Ceramic High Pass Filter

HFCN-5500D+

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	63.25	74.58	66.64	0.02	0.02	0.06	0.00	0.01	0.00
20	82.10	64.68	68.24	0.01	0.01	0.04	0.03	0.00	0.03
30	64.12	63.95	64.84	0.00	0.01	0.05	0.02	0.00	0.01
40	63.96	62.49	64.53	0.01	0.01	0.06	0.01	0.00	0.01
50	61.64	62.05	61.62	0.02	0.00	0.02	0.01	0.00	0.01
60	60.30	60.18	59.90	0.02	0.00	0.02	0.01	0.00	0.01
70	59.04	59.01	58.89	0.02	0.00	0.01	0.00	0.00	0.00
80	58.00	57.81	57.41	0.01	0.00	0.01	0.00	0.01	0.00
90	56.82	56.63	56.57	0.01	0.00	0.00	0.00	0.00	0.00
100	55.95	55.66	55.70	0.01	0.00	0.01	0.00	0.01	0.00
200	49.89	49.74	49.54	0.00	0.01	0.00	0.00	0.00	0.00
300	46.30	46.26	46.16	0.00	0.00	0.01	0.02	0.01	0.01
400	43.80	43.84	43.75	0.00	0.01	0.02	0.01	0.01	0.02
500	41.91	41.94	41.93	0.00	0.01	0.02	0.02	0.01	0.02
600	40.38	40.44	40.46	0.00	0.02	0.03	0.02	0.02	0.03
700	39.11	39.16	39.21	0.00	0.02	0.04	0.02	0.02	0.03
800	38.10	38.11	38.16	0.01	0.02	0.04	0.03	0.01	0.03
900	37.22	37.20	37.26	0.01	0.04	0.06	0.03	0.02	0.04
1000	36.45	36.41	36.48	0.01	0.03	0.05	0.04	0.02	0.04
1400	34.26	34.25	34.31	0.03	0.08	0.11	0.05	0.02	0.05
1500	33.88	33.90	33.93	0.02	0.07	0.10	0.06	0.01	0.05
2000	33.11	33.23	33.19	0.06	0.12	0.15	0.05	0.04	0.07
2400	33.88	34.12	34.06	0.10	0.16	0.17	0.01	0.08	0.12
2500	34.36	34.64	34.57	0.10	0.16	0.18	0.00	0.09	0.13
3000	39.51	40.62	40.27	0.15	0.23	0.24	0.07	0.17	0.19
3400	52.76	50.95	54.92	0.22	0.28	0.30	0.18	0.23	0.28
3500	44.17	43.29	45.47	0.23	0.29	0.33	0.21	0.25	0.31
4000	29.31	30.05	28.77	0.27	0.37	0.46	0.32	0.37	0.47
4400	26.73	27.02	26.65	0.29	0.43	0.55	0.41	0.50	0.55
4500	26.65	26.98	26.72	0.32	0.48	0.60	0.43	0.54	0.59
5000	34.00	31.34	29.73	0.48	0.70	0.89	0.71	0.93	1.08
5400	7.92	7.34	6.85	2.12	2.69	3.26	2.05	2.80	3.45
5500	4.64	4.22	3.96	3.96	5.03	5.92	3.72	4.97	6.02
5600	2.54	2.33	2.29	7.36	9.40	10.74	7.00	9.13	10.71
6000	0.71	0.92	1.06	16.49	16.82	17.35	16.55	17.03	17.58
6400	0.51	0.69	0.83	15.99	17.90	19.18	16.53	18.78	20.56
6500	0.46	0.64	0.78	18.01	19.78	21.05	18.70	20.98	22.83
6600	0.43	0.62	0.77	20.79	22.38	23.38	21.90	24.01	25.16
7000	0.36	0.58	0.74	20.87	21.33	21.84	22.08	21.19	19.93
7400	0.47	0.67	0.84	14.14	14.98	15.63	14.51	15.08	14.91
7500	0.50	0.71	0.89	13.36	14.14	14.71	13.87	14.38	14.31
8000	0.53	0.79	1.01	11.45	11.70	11.82	12.30	12.57	12.54
8400	0.53	0.80	1.01	11.28	11.26	11.30	12.21	12.49	12.78
8500	0.51	0.79	1.03	11.21	11.24	11.29	12.16	12.57	12.95
9000	0.40	0.69	0.93	12.90	12.44	12.01	13.13	13.82	14.11
9400	0.28	0.61	0.87	16.38	14.77	13.47	15.81	15.81	15.59
9500	0.28	0.59	0.86	17.28	15.63	13.96	16.49	16.58	15.91
10000	0.33	0.69	1.20	21.59	23.71	19.21	20.44	23.03	20.37
10400	0.50	0.62	0.98	30.02	22.83	21.44	22.78	24.35	23.28
10500	0.73	0.69	0.95	39.82	20.15	18.52	21.02	22.02	20.57
11000	0.39	0.66	1.10	15.49	13.43	11.59	14.46	13.33	12.58
11200	0.36	0.71	1.21	12.78	11.72	10.12	12.02	11.30	10.87
11400	0.43	0.73	1.27	10.49	10.26	8.90	9.91	9.61	9.34
11500	0.56	0.86	1.42	9.28	9.54	8.45	9.20	8.79	8.63

REV. X1

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