

Ceramic High Pass Filter

HFCN-4600D+

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
50	62.08	63.88	61.65	0.02	0.04	0.02	0.01	0.00	0.00
200	50.18	49.92	49.76	0.01	0.00	0.01	0.00	0.01	0.03
700	39.58	39.60	39.64	0.02	0.01	0.03	0.02	0.02	0.05
1500	35.54	35.62	35.70	0.02	0.08	0.12	0.04	0.11	0.16
2170	38.75	39.18	39.60	0.10	0.18	0.21	0.09	0.14	0.19
2470	46.44	47.81	49.37	0.07	0.16	0.20	0.15	0.22	0.29
3000	37.29	36.90	36.49	0.17	0.27	0.31	0.20	0.32	0.42
3600	31.20	31.53	31.97	0.27	0.42	0.50	0.33	0.47	0.61
3650	31.74	32.20	32.79	0.31	0.43	0.52	0.33	0.48	0.62
3700	32.31	32.95	33.83	0.32	0.46	0.55	0.29	0.45	0.59
4000	29.89	27.61	25.66	0.44	0.62	0.77	0.45	0.63	0.81
4150	19.96	18.52	17.27	0.60	0.85	1.07	0.66	0.87	1.10
4380	9.26	8.47	7.76	1.62	2.18	2.76	1.63	2.10	2.63
4500	5.17	4.71	4.33	3.50	4.47	5.53	3.37	4.17	5.11
4600	2.87	2.72	2.61	6.72	8.31	10.04	6.30	7.51	8.86
4720	1.53	1.61	1.70	14.07	17.49	21.63	12.18	13.74	15.18
4750	1.34	1.46	1.59	17.01	21.62	28.49	13.94	15.30	16.43
4770	1.27	1.41	1.54	19.64	25.86	40.50	15.16	16.23	16.99
4800	1.18	1.33	1.49	25.35	42.51	30.84	16.72	17.16	17.26
4880	1.04	1.24	1.42	26.06	21.98	19.78	17.71	16.85	16.24
5000	0.99	1.18	1.36	16.49	15.71	15.33	15.06	14.56	14.34
5500	0.89	1.07	1.22	13.90	14.30	15.10	13.75	14.20	15.03
5750	0.77	0.95	1.10	16.09	17.25	18.49	16.32	17.11	18.20
6000	0.70	0.87	1.04	19.37	21.79	23.96	20.14	21.65	22.80
6500	0.58	0.79	0.98	25.48	23.59	23.65	30.75	27.78	27.88
7000	0.66	0.89	1.11	16.01	15.75	15.40	17.13	17.22	17.88
7500	0.79	1.01	1.26	12.46	12.80	12.60	13.20	13.83	14.26
8000	0.92	1.08	1.32	10.73	11.77	11.96	11.34	12.55	12.93
8500	0.91	1.08	1.27	10.88	11.86	12.66	11.51	12.44	12.82
9000	0.71	0.95	1.13	12.70	12.82	14.02	13.45	13.23	13.61
9500	0.52	0.79	1.00	15.51	15.13	15.50	16.26	15.31	14.84
10000	0.38	0.64	0.89	19.40	19.64	18.02	19.29	19.86	17.57
11000	0.44	0.78	1.09	15.90	15.55	15.70	15.38	15.30	14.57
11500	0.80	1.19	1.50	10.98	10.70	10.90	10.33	10.62	10.99
12000	1.31	1.80	2.15	8.54	8.04	8.08	8.03	7.96	8.49
12250	1.53	2.11	2.54	7.93	7.30	7.12	7.58	7.14	7.36
12500	1.79	2.47	3.07	7.34	7.08	6.79	6.97	6.55	6.52
13000	3.71	4.75	5.33	9.24	7.99	5.79	5.38	5.12	4.84
14000	6.76	5.76	5.07	3.11	4.40	5.24	9.89	8.29	8.26
15000	3.28	3.55	3.30	5.70	6.02	7.74	5.95	5.75	6.95

REV. X1

HFCN-4600D+

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Page 1 of 1



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