

Ceramic High Pass Filter

HFCN-4400D+

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	61.77	60.92	59.27	0.01	0.00	0.00	0.00	0.00	0.00
100	55.24	54.81	54.61	0.02	0.02	0.01	0.01	0.00	0.01
200	49.10	48.86	48.61	0.02	0.01	0.01	0.00	0.02	0.02
500	41.26	41.25	41.26	0.04	0.00	0.02	0.02	0.00	0.02
1000	36.40	36.41	36.52	0.03	0.04	0.06	0.01	0.03	0.06
1500	35.18	35.36	35.52	0.01	0.09	0.12	0.03	0.09	0.12
2000	38.02	38.51	38.92	0.11	0.19	0.22	0.07	0.15	0.18
2500	58.42	53.20	50.03	0.15	0.24	0.27	0.16	0.23	0.27
3000	33.10	32.87	32.50	0.19	0.30	0.35	0.21	0.31	0.37
3500	31.29	32.21	33.08	0.24	0.40	0.51	0.37	0.51	0.61
3600	34.90	36.25	37.15	0.36	0.53	0.64	0.37	0.52	0.65
3800	30.90	28.02	25.66	0.42	0.61	0.79	0.49	0.68	0.85
3900	23.30	21.37	19.69	0.53	0.75	0.98	0.60	0.84	1.05
4000	17.76	16.26	14.88	0.66	0.93	1.25	0.78	1.08	1.37
4100	13.20	11.95	10.81	1.02	1.39	1.84	1.11	1.55	1.99
4200	9.16	8.13	7.26	1.57	2.16	2.84	1.85	2.53	3.23
4300	5.90	5.19	4.64	2.88	3.81	4.85	3.26	4.35	5.51
4400	3.43	3.10	2.86	5.21	6.57	8.02	6.07	7.80	9.63
4500	2.01	1.96	1.96	8.96	10.67	12.33	10.92	13.73	16.95
4600	1.36	1.48	1.60	13.36	14.49	15.31	20.06	25.92	28.89
4700	1.14	1.33	1.49	15.39	14.94	14.74	24.08	20.60	18.50
5000	1.05	1.25	1.43	12.25	12.10	12.04	12.94	12.67	12.53
5600	0.87	1.05	1.22	15.19	15.01	14.64	15.07	15.17	15.17
6000	0.79	0.95	1.09	18.83	20.09	19.15	18.51	20.35	20.66
7000	0.63	0.84	1.03	24.41	23.43	22.46	26.95	23.98	21.49
8000	0.66	0.81	0.95	15.82	18.89	21.36	15.22	18.07	20.63
9000	0.43	0.65	0.83	22.43	22.61	22.59	20.69	22.23	23.65
9900	0.33	0.63	0.82	20.63	20.40	19.97	20.85	21.69	22.86
10100	0.39	0.68	0.88	17.26	17.12	17.66	17.40	18.15	19.57
10500	0.54	0.86	1.10	13.24	13.04	13.06	13.92	13.63	14.04
10900	0.86	1.25	1.56	10.86	10.24	9.91	11.41	10.67	10.53
11900	2.26	3.16	3.72	7.02	6.26	6.08	9.06	8.41	7.26
13000	3.72	3.53	3.64	4.10	4.65	4.92	3.92	4.85	4.99
14000	3.80	3.13	2.68	3.74	5.41	7.72	3.77	5.60	7.79
15000	1.48	1.88	2.12	11.20	11.56	13.36	10.87	10.57	12.19
16000	3.51	4.81	5.94	8.86	8.64	7.34	13.01	8.25	7.48
17000	8.91	9.58	10.86	3.67	4.64	5.46	5.22	4.30	3.38
18000	13.13	13.18	13.81	4.58	3.92	4.41	2.22	3.24	3.08
19000	13.50	13.29	13.08	4.21	3.46	2.86	1.75	3.09	4.65
20000	5.63	6.30	6.37	4.88	5.50	5.88	5.25	5.74	7.29

REV. X1
HFCN-4400D+
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Page 1 of 1



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