

Ceramic High Pass Filter

HFCN-2100D+

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	85.50	87.12	84.56	0.02	0.01	0.01	0.00	0.01	0.01
50	63.57	65.00	62.59	0.01	0.00	0.00	0.00	0.01	0.01
100	68.90	65.77	68.56	0.02	0.02	0.03	0.01	0.00	0.01
700	56.51	56.66	56.64	0.06	0.11	0.15	0.05	0.08	0.15
990	74.80	81.94	85.85	0.13	0.21	0.25	0.12	0.19	0.23
1050	63.92	62.77	60.73	0.15	0.22	0.27	0.13	0.20	0.25
1145	52.38	50.78	50.50	0.19	0.24	0.31	0.16	0.24	0.29
1200	47.04	46.46	45.90	0.21	0.29	0.34	0.18	0.26	0.30
1290	41.04	40.34	39.97	0.25	0.33	0.39	0.21	0.28	0.35
1475	30.39	29.83	29.36	0.34	0.45	0.52	0.31	0.42	0.50
1530	27.59	26.84	26.48	0.40	0.46	0.58	0.39	0.47	0.57
1670	20.13	19.67	19.14	0.51	0.63	0.73	0.51	0.65	0.76
1770	15.25	14.79	14.27	0.72	0.90	1.04	0.74	0.93	1.10
1880	10.06	9.63	9.19	1.26	1.58	1.84	1.37	1.67	1.98
2005	5.11	4.85	4.62	2.96	3.59	4.14	3.15	3.82	4.42
2085	3.01	2.89	2.83	5.25	6.12	6.92	5.53	6.49	7.36
2100	2.71	2.67	2.60	5.78	6.69	7.51	6.08	7.13	8.05
2150	1.91	1.95	1.99	7.73	8.81	9.72	8.19	9.40	10.47
2200	1.45	1.52	1.60	10.00	11.03	12.03	10.61	11.85	13.03
2365	0.79	0.96	1.08	16.65	17.06	18.02	17.71	18.18	19.01
2400	0.73	0.90	1.01	17.56	17.79	18.73	18.43	18.61	19.27
2450	0.69	0.86	0.98	18.26	18.43	19.31	19.07	19.04	19.52
2500	0.63	0.79	0.91	18.75	18.95	19.65	19.18	19.03	19.39
3000	0.55	0.67	0.77	14.90	15.39	15.71	14.65	15.10	15.40
3500	0.52	0.69	0.79	13.68	13.76	14.16	13.67	13.74	14.12
4000	0.45	0.65	0.74	15.75	15.52	15.70	15.66	15.55	15.88
5000	0.43	0.64	0.77	23.91	23.36	22.52	22.99	22.22	21.61
5100	0.58	0.70	0.87	21.82	20.51	20.10	20.02	19.65	18.83
5200	0.49	0.75	0.88	19.46	18.46	17.86	19.10	17.80	17.10
5500	0.63	0.91	1.08	14.41	13.85	13.63	14.05	13.37	12.95
6000	1.10	1.43	1.58	9.68	9.46	9.29	9.37	9.08	8.88
7000	2.31	2.69	2.86	5.22	5.27	5.42	4.95	5.03	5.22
7500	3.09	3.42	3.69	4.11	4.22	4.19	3.85	4.07	4.17
8000	3.53	3.88	4.14	3.67	3.72	3.60	3.47	3.63	3.75
9000	4.50	4.59	4.99	2.67	3.08	3.03	2.81	3.11	3.15
10000	4.59	4.64	4.60	2.47	2.90	3.30	2.56	2.98	3.22
11000	2.66	3.19	3.66	4.83	4.92	5.13	5.05	5.87	7.18
11550	12.85	16.45	15.50	2.31	1.95	1.92	3.76	3.18	2.93
11930	11.40	11.01	11.51	1.15	1.75	2.17	1.57	1.97	2.26
12430	14.21	17.48	19.30	1.29	1.99	2.85	1.43	1.71	2.07
13000	6.94	6.37	5.99	3.58	4.24	4.86	2.71	3.42	3.96

REV. X1

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