

Ceramic High Pass Filter

HFCN-1200

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	99.43	104.60	109.11	0.00	0.01	0.01	0.01	0.01	0.00
50	62.45	67.51	72.12	0.00	0.00	0.01	0.01	0.00	0.00
100	69.92	76.44	73.68	0.01	0.01	0.01	0.02	0.02	0.00
300	63.85	63.03	63.97	0.03	0.05	0.09	0.01	0.02	0.05
510	57.52	57.87	57.70	0.08	0.14	0.17	0.08	0.11	0.14
690	56.47	57.29	57.71	0.17	0.25	0.30	0.17	0.22	0.29
750	66.86	63.39	61.22	0.22	0.31	0.36	0.19	0.24	0.32
780	55.63	53.15	52.06	0.25	0.35	0.41	0.21	0.29	0.36
825	44.04	43.20	41.95	0.30	0.40	0.51	0.26	0.36	0.42
865	37.29	36.52	35.67	0.35	0.47	0.54	0.30	0.39	0.47
905	31.64	30.96	30.20	0.43	0.55	0.64	0.35	0.46	0.55
910	30.97	30.29	29.56	0.43	0.53	0.64	0.36	0.50	0.59
940	27.12	26.47	25.76	0.51	0.65	0.76	0.42	0.54	0.64
995	20.50	19.94	19.23	0.74	0.90	1.07	0.62	0.79	0.91
1040	15.36	14.83	14.19	1.02	1.29	1.55	0.81	1.02	1.24
1090	10.04	9.59	9.06	1.81	2.22	2.68	1.50	1.84	2.21
1150	4.89	4.68	4.47	4.36	5.21	6.11	3.69	4.33	4.99
1180	3.20	3.15	3.11	6.73	7.88	9.01	5.70	6.47	7.25
1190	2.77	2.79	2.78	7.71	8.94	10.12	6.49	7.29	8.08
1200	2.42	2.46	2.48	8.73	10.05	11.25	7.32	8.13	8.91
1210	2.13	2.20	2.24	9.83	11.17	12.40	8.20	9.00	9.76
1220	1.91	2.01	2.07	10.87	12.22	13.43	9.05	9.80	10.55
1280	1.18	1.33	1.44	15.18	15.75	16.38	13.03	13.39	13.97
1300	1.08	1.24	1.36	15.44	15.80	16.34	13.73	14.05	14.63
1320	0.98	1.13	1.26	15.41	15.70	16.18	14.15	14.48	15.10
1340	0.94	1.10	1.20	15.38	15.65	16.11	14.56	14.93	15.57
1380	0.83	0.98	1.07	15.49	15.82	16.23	15.27	15.77	16.47
1410	0.77	0.90	1.02	15.96	16.28	16.64	15.92	16.50	17.20
1590	0.51	0.64	0.75	18.75	18.70	18.51	19.64	19.97	20.17
2000	0.38	0.50	0.59	17.48	17.40	17.51	17.47	17.34	17.42
2500	0.27	0.39	0.47	22.03	23.05	24.31	22.09	22.43	22.47
3200	0.30	0.44	0.56	17.02	17.07	16.88	16.85	16.89	16.55
3500	0.45	0.58	0.71	13.14	13.20	13.18	13.27	13.18	13.04
4000	0.75	0.93	1.06	9.29	9.46	9.51	9.31	9.40	9.34
4300	1.09	1.28	1.41	7.85	7.86	7.86	7.85	7.80	7.69
4600	1.37	1.62	1.81	6.73	6.66	6.65	6.70	6.64	6.57
5000	1.77	2.10	2.32	5.78	5.59	5.53	5.71	5.54	5.47
5500	2.47	2.77	2.95	4.26	4.44	4.53	4.20	4.39	4.49
6000	3.36	3.55	3.75	3.33	3.70	3.81	3.30	3.65	3.74
6500	4.09	4.25	4.39	2.82	3.12	3.34	2.81	3.07	3.32
7000	4.58	4.86	5.13	2.52	2.64	2.74	2.43	2.60	2.77
7500	5.35	5.82	6.27	2.24	2.24	2.26	2.13	2.17	2.35
8030	9.05	10.50	7.89	2.42	4.64	7.74	1.59	2.16	3.23
9000	11.88	13.57	12.12	1.32	1.81	2.92	2.21	3.09	4.99

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