

Ceramic High Pass Filter

HFCN-1760

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	92.24	94.01	97.72	0.03	0.05	0.15	0.03	0.05	0.07
50	77.02	78.80	82.54	0.10	0.12	0.14	0.09	0.11	0.14
100	82.95	79.27	79.44	0.14	0.17	0.17	0.12	0.15	0.18
565	88.59	88.18	84.99	0.26	0.33	0.38	0.23	0.32	0.38
700	65.49	65.21	64.52	0.28	0.36	0.42	0.25	0.34	0.42
825	54.89	53.98	54.96	0.32	0.40	0.47	0.29	0.38	0.47
925	46.61	46.19	45.75	0.33	0.43	0.51	0.31	0.42	0.51
950	44.61	44.24	43.78	0.34	0.45	0.51	0.32	0.43	0.52
1020	39.35	38.93	38.49	0.35	0.46	0.54	0.34	0.46	0.57
1145	30.33	29.88	29.50	0.41	0.54	0.64	0.41	0.56	0.67
1215	25.49	25.04	24.68	0.46	0.60	0.73	0.46	0.63	0.76
1230	24.45	23.99	23.64	0.49	0.63	0.75	0.46	0.64	0.77
1370	15.28	14.90	14.61	0.77	0.96	1.13	0.79	1.02	1.20
1460	10.13	9.86	9.57	1.34	1.59	1.84	1.33	1.63	1.88
1585	4.85	4.79	4.68	3.25	3.63	4.02	3.21	3.64	4.02
1670	2.86	2.93	2.89	5.41	5.83	6.29	5.38	5.81	6.29
1760	1.76	1.87	1.92	7.96	8.36	8.81	7.88	8.31	8.77
1850	1.20	1.35	1.42	10.37	10.75	11.09	10.24	10.59	10.96
1900	1.02	1.18	1.25	11.56	12.00	12.28	11.42	11.79	12.11
1970	0.85	0.99	1.07	13.05	13.58	13.92	12.93	13.34	13.63
2100	0.66	0.79	0.88	16.00	16.83	17.29	15.60	16.17	16.52
2150	0.58	0.70	0.79	17.24	18.19	18.82	16.89	17.56	17.95
2200	0.55	0.67	0.75	18.68	19.65	20.50	18.21	18.91	19.43
2300	0.45	0.59	0.67	22.08	23.17	24.65	21.00	21.78	22.47
3000	0.40	0.54	0.61	17.01	17.03	17.29	16.92	16.74	16.90
3500	0.39	0.56	0.61	15.91	16.23	16.30	15.70	16.00	16.08
4000	0.36	0.53	0.62	20.86	21.09	21.00	20.25	20.83	20.64
4200	0.35	0.52	0.60	24.06	25.12	25.26	24.04	24.97	24.56
4500	0.40	0.58	0.67	23.58	22.65	22.28	25.30	23.67	22.32
4700	0.51	0.62	0.81	18.88	18.29	17.58	19.99	18.50	18.25
5200	0.70	0.98	1.21	11.84	11.47	10.71	11.77	11.60	10.84
5300	1.02	1.12	1.41	10.97	10.55	10.55	11.18	10.65	10.75
5500	1.07	1.31	1.56	9.06	8.89	8.80	9.01	8.87	8.83
6000	1.90	2.05	2.39	6.03	6.26	6.56	6.05	6.21	6.55
6610	2.78	3.11	3.21	4.14	4.42	4.72	4.06	4.38	4.69
7000	3.34	3.67	4.04	3.76	3.70	3.95	3.61	3.62	4.00
8000	4.30	5.06	5.37	2.98	2.69	2.58	2.73	2.59	2.63
8500	5.13	5.39	5.68	2.34	2.57	2.54	2.25	2.49	2.51
9000	4.77	4.70	4.82	2.66	3.34	4.02	2.59	3.13	3.55
10000	21.43	21.92	23.52	0.97	1.30	1.68	0.74	1.16	1.42
11000	7.22	7.76	8.48	2.47	2.32	2.28	4.83	3.71	3.36

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