

Ceramic High Pass Filter

HFCN-2275+

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	112.02	98.51	108.24	0.01	0.04	0.03	0.00	0.04	0.05
50	78.91	65.35	75.22	0.07	0.10	0.09	0.07	0.11	0.13
100	71.58	75.47	83.51	0.09	0.12	0.14	0.10	0.11	0.14
800	61.34	67.33	61.50	0.25	0.33	0.39	0.25	0.33	0.38
1085	59.27	59.48	58.61	0.27	0.37	0.43	0.26	0.35	0.42
1315	49.95	49.24	49.14	0.30	0.42	0.52	0.30	0.41	0.50
1400	45.58	45.01	44.48	0.32	0.45	0.55	0.31	0.45	0.54
1500	39.93	39.49	38.76	0.34	0.48	0.61	0.35	0.48	0.58
1675	30.33	29.61	28.97	0.45	0.63	0.78	0.44	0.60	0.72
1770	25.03	24.31	23.64	0.53	0.74	0.92	0.50	0.67	0.84
1855	20.32	19.59	18.90	0.66	0.90	1.13	0.60	0.82	1.02
1945	15.40	14.72	14.06	0.93	1.22	1.51	0.84	1.10	1.36
2045	10.33	9.75	9.19	1.59	2.00	2.42	1.37	1.77	2.18
2170	5.29	5.03	4.74	3.56	4.22	4.91	3.24	3.88	4.52
2255	3.11	3.06	2.98	5.86	6.70	7.52	5.51	6.26	7.05
2275	2.76	2.75	2.71	6.50	7.36	8.21	6.17	6.93	7.71
2350	1.85	1.95	1.99	9.04	9.91	10.76	8.74	9.43	10.23
2450	1.24	1.39	1.51	12.13	12.91	13.66	11.92	12.51	13.10
2500	1.08	1.25	1.36	13.29	13.98	14.71	13.31	13.79	14.32
2580	0.90	1.08	1.19	14.87	15.39	16.11	14.87	15.34	15.73
2620	0.83	1.01	1.13	15.31	15.91	16.50	15.54	15.96	16.29
2640	0.81	0.99	1.10	15.59	16.12	16.70	15.84	16.27	16.57
2800	0.65	0.82	0.95	17.58	18.03	18.44	17.88	18.27	18.48
3500	0.39	0.55	0.67	32.40	31.00	31.67	29.59	28.04	28.53
4000	0.42	0.62	0.73	19.64	18.64	18.55	19.89	18.80	18.39
4500	0.46	0.66	0.80	17.65	17.53	17.19	17.74	17.96	17.56
5000	0.44	0.65	0.78	20.58	20.85	20.73	20.46	21.43	21.74
5700	0.53	0.75	0.89	26.61	23.10	23.20	27.28	23.48	23.09
6000	0.65	0.89	1.02	17.65	16.53	16.28	17.59	16.30	15.81
6100	0.65	0.91	1.11	16.21	15.36	14.99	16.11	15.11	14.44
6230	0.77	1.09	1.22	14.41	13.69	13.61	14.17	13.31	13.02
6500	0.99	1.25	1.45	10.83	10.90	10.79	10.68	10.63	10.38
7000	1.63	1.76	2.04	7.48	7.71	7.64	7.23	7.57	7.48
7500	2.35	2.52	2.87	5.56	5.63	5.54	5.33	5.56	5.61
8000	2.81	3.29	3.58	4.54	4.46	4.27	4.38	4.43	4.45
9000	4.34	4.61	4.95	2.83	2.99	3.14	2.88	3.11	3.11
10000	4.29	4.48	4.92	3.77	5.21	8.29	3.35	4.24	5.01
10400	12.99	19.36	21.49	3.44	2.40	2.18	2.16	1.82	1.70
11000	22.11	25.63	28.02	0.99	1.17	1.38	0.78	1.18	1.50
11500	16.14	13.69	12.15	1.02	1.64	2.20	1.01	1.54	2.14
12000	6.53	5.89	5.45	2.32	3.42	4.61	2.48	3.23	4.03

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