

Ceramic High Pass Filter

HFCN-1300

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	91.75	89.20	95.02	0.00	0.02	0.03	0.01	0.02	0.00
50	71.10	68.53	74.51	0.00	0.00	0.01	0.01	0.02	0.00
100	71.57	68.18	69.20	0.00	0.02	0.02	0.01	0.01	0.02
290	61.02	61.43	61.39	0.02	0.05	0.07	0.02	0.05	0.07
440	60.62	61.20	61.43	0.06	0.11	0.14	0.06	0.11	0.13
465	61.55	61.90	62.59	0.06	0.11	0.15	0.06	0.11	0.14
535	67.60	68.68	70.23	0.09	0.15	0.19	0.08	0.14	0.17
630	59.06	58.07	57.02	0.12	0.20	0.25	0.13	0.19	0.23
680	51.40	50.80	50.29	0.15	0.23	0.29	0.14	0.21	0.25
690	50.26	49.67	49.01	0.16	0.24	0.29	0.14	0.21	0.26
755	43.30	42.85	42.40	0.20	0.28	0.34	0.18	0.26	0.31
895	31.41	30.97	30.53	0.29	0.41	0.48	0.28	0.38	0.45
930	28.71	28.30	27.81	0.34	0.44	0.53	0.33	0.44	0.51
1035	20.89	20.49	19.93	0.48	0.62	0.74	0.50	0.63	0.75
1105	15.82	15.39	14.81	0.69	0.87	1.04	0.73	0.90	1.08
1180	10.53	10.11	9.58	1.23	1.51	1.80	1.31	1.61	1.94
1265	5.29	5.00	4.72	3.00	3.59	4.20	3.26	3.94	4.69
1300	3.66	3.49	3.36	4.49	5.28	6.05	4.91	5.86	6.87
1315	3.11	3.00	2.91	5.30	6.19	7.00	5.83	6.91	8.02
1400	1.31	1.44	1.55	11.63	12.62	13.18	13.48	15.26	16.62
1485	0.87	1.05	1.20	16.04	16.10	15.99	18.72	18.72	18.42
1500	0.84	1.03	1.17	16.26	16.23	16.13	18.45	18.27	17.97
1510	0.83	1.01	1.14	16.30	16.24	16.17	18.19	17.96	17.71
1760	0.58	0.74	0.85	17.91	18.34	19.06	17.61	17.57	17.78
2000	0.47	0.63	0.72	17.96	17.87	18.37	17.31	17.03	17.31
2800	0.40	0.56	0.66	15.02	15.35	15.60	14.89	15.16	15.44
3000	0.33	0.51	0.58	16.36	16.74	17.33	16.48	16.79	17.46
3600	0.29	0.44	0.58	28.28	28.80	28.45	28.76	31.99	32.12
4000	0.32	0.53	0.66	18.70	19.17	19.10	18.88	18.80	18.56
4500	0.69	0.87	1.02	12.49	11.65	11.83	12.13	11.41	11.31
5000	1.08	1.39	1.58	8.41	8.03	7.99	8.10	7.77	7.66
5500	1.83	2.21	2.45	5.78	5.87	6.02	5.55	5.56	5.62
6000	2.88	3.12	3.35	4.22	4.46	4.50	3.98	4.20	4.26
6500	3.75	4.04	4.21	3.39	3.53	3.70	3.19	3.34	3.58
7000	4.43	4.70	5.07	2.83	2.81	2.86	2.61	2.75	2.93
7140	4.43	4.92	5.30	2.66	2.70	2.70	2.59	2.67	2.87
8000	6.09	6.47	7.11	2.01	2.01	1.90	1.92	2.06	2.17
8500	7.44	7.54	8.05	1.26	1.59	1.69	1.51	1.76	1.92
9000	8.85	9.32	9.73	1.06	1.33	1.56	1.39	1.67	1.90
9780	17.62	21.34	23.63	0.84	1.14	1.54	1.21	1.51	1.69
10000	21.94	16.52	12.91	1.11	1.64	2.42	1.07	1.79	2.49
11000	1.56	2.35	3.23	9.25	7.56	6.44	8.42	7.17	6.42

REV. X1
HFCN-1300
080723
Page 1 of 1



IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS9100 CERTIFIED RoHS compliant

P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661



The Design Engineers Search Engine finds the model you need, Instantly • For detailed performance specs & shopping online see

