

Ceramic High Pass Filter

HFCN-2100

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
HFCN-2100
070110
Page 1 of 1



IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS 9100 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

