

Ceramic Highpass Filter

Typical Performance Data

HFCN-2902+

FREQUENCY (GHz)	INSERTION LOSS (dB)			RETURN LOSS (dB)		
	@-55°C	@+25°C	@+125°C	@-55°C	@+25°C	@+125°C
0.1	64.12	64.17	63.70	-0.06	-0.06	-0.08
0.5	49.83	49.96	49.67	-0.14	-0.14	-0.15
1.0	43.92	44.05	43.82	-0.10	-0.10	-0.09
2.0	38.32	38.46	38.22	0.11	0.12	0.11
3.0	34.77	34.92	34.45	0.11	0.16	0.10
4.0	31.83	32.11	31.77	0.00	0.03	-0.01
5.0	29.65	29.87	29.68	0.01	-0.01	0.02
6.0	28.02	28.16	28.00	0.08	0.04	0.11
7.0	26.40	26.48	26.32	0.13	0.16	0.15
8.0	24.77	24.93	24.71	0.09	0.14	0.09
9.0	23.35	23.47	23.32	0.07	0.07	0.09
10.0	22.09	22.04	22.09	0.17	0.14	0.18
11.0	21.02	21.01	20.95	0.35	0.31	0.33
12.0	19.86	19.98	19.83	0.28	0.28	0.26
13.0	18.67	18.79	18.64	0.23	0.36	0.19
14.0	17.53	17.57	17.49	0.24	0.28	0.23
15.0	16.77	16.64	16.85	0.29	0.16	0.32
16.0	16.39	16.29	16.36	0.63	0.68	0.58
17.0	15.73	15.81	15.65	0.62	0.74	0.61
18.0	15.67	15.73	15.83	0.57	0.63	0.57
19.0	15.98	15.71	16.20	0.44	0.46	0.51
20.0	17.09	16.56	17.63	0.45	0.33	0.57
21.0	20.87	20.00	22.42	0.66	0.58	0.76
22.0	32.39	31.44	28.03	0.97	1.07	1.10
23.0	16.42	18.42	14.22	1.32	1.25	1.51
24.0	8.41	9.39	7.40	2.20	1.68	2.85
25.0	4.29	4.67	3.84	4.34	3.74	5.31
26.0	2.03	2.25	1.94	9.02	7.75	10.11
27.0	1.10	1.12	1.11	15.30	13.95	16.95
28.0	0.97	0.90	1.02	20.20	19.92	20.10
29.0	1.02	0.96	1.16	29.28	28.94	27.31
30.0	1.07	0.98	1.27	42.24	39.50	39.94
31.0	0.92	0.80	1.08	30.14	31.50	26.99
32.0	0.77	0.66	0.88	28.94	33.14	27.64
33.0	0.73	0.65	0.86	32.19	37.39	31.04
34.0	0.83	0.72	0.99	22.02	22.53	22.99
35.0	1.20	1.20	1.37	29.79	28.12	39.10
36.0	1.27	1.25	1.39	22.79	23.34	22.14
37.0	1.06	0.88	1.19	19.73	19.88	21.15
38.0	0.85	0.77	1.04	21.28	20.32	23.42
39.0	0.88	0.81	1.12	20.49	19.13	19.77
40.0	1.29	1.23	1.55	20.29	19.90	21.69
41.0	1.57	1.65	1.65	20.75	21.14	20.91
42.0	1.46	1.45	1.48	20.29	19.29	18.95
43.0	1.22	1.05	1.41	20.72	20.37	21.60
44.0	1.23	1.10	1.55	19.66	19.25	18.73
45.0	1.25	1.18	1.55	24.50	21.32	21.51
46.0	1.29	1.24	1.43	22.91	23.92	21.11
47.0	1.52	1.58	1.63	20.17	20.49	18.53
48.0	1.66	1.57	1.87	28.23	24.60	24.71
49.0	1.67	1.40	2.04	22.38	24.92	21.15
50.0	1.57	1.37	1.89	20.31	19.64	20.07
51.0	1.56	1.41	1.78	36.75	29.60	40.05
52.0	1.77	1.60	1.94	20.71	21.46	20.65
53.0	2.12	2.14	2.27	19.68	19.81	22.98
54.0	2.31	2.24	2.68	24.92	22.52	21.18
55.0	2.49	2.10	3.16	17.90	18.97	20.66
56.0	2.43	2.51	2.58	27.89	21.53	22.45
57.0	2.09	2.07	2.40	17.75	17.29	15.33
58.0	2.31	2.13	2.68	18.82	19.75	18.36
59.0	2.86	2.99	3.51	18.35	20.21	14.18
60.0	3.16	3.30	3.64	14.21	14.69	13.54
61.0	3.15	2.82	3.48	13.93	14.57	13.16
62.0	3.14	2.86	3.51	12.72	13.85	10.49
63.0	3.56	3.23	4.01	9.55	9.91	10.18
64.0	4.11	3.77	4.52	9.13	10.09	10.39
65.0	4.04	4.13	4.46	12.64	15.56	12.91