

# Ceramic Low Pass Filter

# LFCN-6700

## 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
50	0.03	0.05	0.05	40.67	38.15	36.52	40.25	37.82	36.50
100	0.05	0.06	0.07	40.35	37.59	35.75	40.34	37.70	35.81
200	0.05	0.07	0.09	34.69	34.93	34.68	34.98	35.33	35.22
500	0.08	0.11	0.13	29.02	29.48	30.54	29.50	30.23	31.40
1000	0.10	0.16	0.20	25.77	26.14	27.33	26.40	26.86	28.16
2000	0.13	0.21	0.29	30.68	31.75	31.60	32.08	33.95	34.37
3000	0.18	0.30	0.40	26.59	25.88	25.10	26.99	26.29	25.52
4000	0.21	0.37	0.51	21.49	21.13	21.14	21.41	21.01	20.95
5000	0.28	0.46	0.64	18.90	18.81	18.28	18.66	18.67	18.36
6000	0.48	0.69	0.91	16.11	16.21	16.24	16.81	16.84	16.88
6350	0.62	0.85	1.08	14.81	14.77	14.75	16.37	16.33	16.44
6700	0.85	1.12	1.38	13.21	13.02	12.80	16.31	16.24	16.22
7200	1.43	1.76	2.08	9.89	9.68	9.40	13.56	13.35	13.41
7600	2.53	2.98	3.39	6.27	6.20	6.06	8.42	8.17	8.07
7900	4.26	4.94	5.54	3.66	3.62	3.54	4.95	4.79	4.49
8100	6.09	6.93	7.71	2.37	2.45	2.54	3.09	3.02	2.88
8350	9.15	10.23	11.23	1.40	1.59	1.81	1.68	1.71	1.70
8500	11.49	12.64	13.68	1.05	1.31	1.59	1.17	1.28	1.33
8660	14.09	15.36	16.48	0.87	1.14	1.44	0.84	1.00	1.11
8900	18.37	19.73	20.99	0.77	1.09	1.41	0.55	0.78	0.96
8950	19.32	20.68	21.92	0.72	1.04	1.36	0.50	0.74	0.95
9200	24.08	25.54	27.01	0.71	1.01	1.31	0.39	0.66	0.89
9300	25.96	27.44	29.04	0.76	1.05	1.35	0.38	0.66	0.92
9350	26.73	28.31	29.86	0.79	1.06	1.36	0.38	0.65	0.92
9500	29.33	30.25	31.29	0.76	1.08	1.39	0.37	0.66	0.98
9650	30.66	31.27	32.06	0.82	1.07	1.36	0.34	0.66	1.01
10100	29.57	29.74	29.10	0.93	1.17	1.45	0.45	0.77	1.16
11000	23.79	24.28	23.61	0.92	1.27	1.54	0.68	0.94	1.29
11660	21.34	21.12	20.83	0.90	1.18	1.46	0.75	1.09	1.41
12000	19.75	20.06	19.85	1.00	1.27	1.55	0.97	1.20	1.49
12800	17.97	18.51	18.56	1.27	1.35	1.50	1.23	1.58	1.69
13900	16.59	16.66	17.18	1.10	1.51	1.77	1.66	2.13	2.36
14900	17.91	18.01	18.16	0.99	1.54	2.10	2.01	2.30	2.56
15700	18.05	18.08	18.57	1.38	1.79	2.33	1.93	2.32	2.87
16300	18.42	18.67	19.08	1.60	1.96	2.57	2.16	2.32	2.81
16500	18.48	18.64	19.32	1.77	2.14	2.75	1.88	2.26	2.73
17000	18.76	19.13	19.25	3.87	5.96	7.32	2.02	2.18	2.49
18000	19.30	20.01	20.26	2.48	2.70	3.05	1.41	1.77	2.21
18560	21.02	21.99	22.82	1.95	2.21	2.36	1.13	1.49	1.95
19000	23.61	24.75	25.29	1.52	1.58	1.72	1.00	1.36	1.81
19200	25.20	26.32	26.84	1.30	1.55	1.73	0.72	1.19	1.77
20000	26.83	26.15	25.64	0.67	1.21	1.72	0.40	0.80	1.35

