

# Ceramic Low Pass Filter

# LFCN-2000D+

## 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
10	0.12	0.14	0.15	30.57	34.15	30.28	31.02	34.15	30.00
50	0.05	0.07	0.08	40.88	43.75	40.27	42.00	45.18	40.88
100	0.07	0.09	0.11	32.98	35.48	38.85	33.05	35.15	38.00
500	0.17	0.23	0.29	21.11	20.53	19.36	21.18	20.45	19.28
1000	0.28	0.36	0.42	19.64	19.61	20.19	19.46	19.51	20.01
2000	0.76	0.94	1.12	13.55	13.44	13.02	13.99	13.95	13.45
2030	0.87	1.06	1.26	12.24	12.11	11.71	12.59	12.54	12.07
2255	2.78	3.17	3.56	4.80	4.66	4.49	4.89	4.77	4.58
2275	3.09	3.50	3.90	4.36	4.23	4.09	4.43	4.33	4.16
2360	4.64	5.14	5.62	2.85	2.79	2.72	2.89	2.84	2.75
2560	9.53	10.21	10.82	1.10	1.14	1.17	1.11	1.16	1.16
2730	14.41	15.14	15.82	0.58	0.67	0.72	0.59	0.67	0.69
2890	19.38	20.18	20.88	0.37	0.48	0.56	0.39	0.48	0.51
3000	23.16	23.95	24.80	0.30	0.42	0.51	0.32	0.42	0.45
3035	24.42	25.25	26.10	0.28	0.41	0.50	0.31	0.41	0.45
3100	26.75	27.77	28.96	0.27	0.39	0.50	0.29	0.39	0.44
3145	28.84	29.99	31.21	0.24	0.37	0.47	0.27	0.38	0.42
3235	33.50	35.24	36.77	0.22	0.35	0.46	0.25	0.36	0.40
3295	38.03	40.29	43.27	0.21	0.34	0.46	0.25	0.35	0.41
3385	48.47	48.50	46.60	0.19	0.33	0.45	0.24	0.35	0.40
3500	39.47	38.46	37.67	0.20	0.33	0.45	0.23	0.34	0.40
3700	33.54	33.09	32.41	0.17	0.32	0.46	0.21	0.34	0.42
4000	28.69	28.42	28.34	0.21	0.35	0.49	0.24	0.38	0.47
4600	25.71	25.92	25.99	0.27	0.40	0.56	0.20	0.37	0.51
5000	24.23	24.55	24.54	0.31	0.45	0.63	0.26	0.45	0.63
5500	23.22	23.47	23.61	0.27	0.47	0.68	0.24	0.45	0.62
6000	21.37	21.40	21.39	0.41	0.59	0.77	0.38	0.55	0.70
6500	20.60	20.67	20.67	0.45	0.63	0.80	0.36	0.53	0.70
7000	19.11	19.26	19.35	0.58	0.67	0.77	0.42	0.57	0.71
7500	17.98	18.17	18.47	0.54	0.65	0.73	0.46	0.57	0.69
8000	17.37	17.55	17.72	0.53	0.70	0.79	0.47	0.59	0.71
8500	16.56	16.63	16.77	0.59	0.76	0.84	0.44	0.56	0.64
9000	15.76	15.57	15.33	0.60	0.77	0.93	0.49	0.71	0.79
9700	14.26	14.26	14.29	0.56	0.87	1.22	0.54	0.83	0.98
10000	14.26	14.23	14.06	0.63	0.78	1.01	0.48	0.76	0.90
11000	11.95	12.35	12.57	0.71	0.93	1.11	0.57	0.80	0.99
12000	10.17	10.17	10.41	0.71	1.10	1.48	0.83	1.14	1.43
13000	7.87	8.43	8.81	1.19	1.41	1.74	1.43	1.65	1.88
14000	6.87	7.29	7.69	1.76	1.99	2.17	2.11	2.64	2.98
15000	4.80	4.67	4.71	3.46	4.53	5.15	5.81	7.69	10.28
16000	7.16	7.72	8.08	3.15	4.09	5.37	5.67	5.58	5.83

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