

# Ceramic Low Pass Filter

# LFCN-2400D-1+

## 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	0.03	0.03	0.04	48.56	46.06	41.25	56.36	46.06	40.40
50	0.06	0.06	0.07	45.53	43.05	38.18	53.78	43.40	37.49
100	0.04	0.07	0.08	37.11	41.71	46.19	38.35	41.31	39.50
500	0.14	0.18	0.23	25.68	24.96	23.08	26.08	25.08	23.08
1000	0.20	0.29	0.35	21.83	21.15	21.54	21.89	21.28	21.72
2000	0.38	0.50	0.62	23.26	23.71	23.59	23.34	23.70	23.46
2400	0.78	0.98	1.15	12.90	12.82	12.76	12.84	12.70	12.56
2700	2.59	2.97	3.33	5.27	5.13	4.97	5.24	5.08	4.93
2800	3.87	4.33	4.78	3.62	3.53	3.44	3.54	3.45	3.36
2830	4.32	4.83	5.31	3.22	3.16	3.07	3.14	3.08	3.00
3060	8.89	9.52	10.11	1.27	1.36	1.38	1.28	1.33	1.32
3240	13.33	14.02	14.70	0.69	0.81	0.87	0.72	0.78	0.83
3400	17.55	18.40	19.01	0.41	0.60	0.69	0.48	0.58	0.62
3530	21.44	22.36	23.11	0.41	0.55	0.67	0.43	0.51	0.56
3600	23.87	24.65	25.67	0.37	0.51	0.66	0.38	0.47	0.55
3620	24.46	25.32	26.37	0.30	0.47	0.62	0.37	0.45	0.51
3700	26.85	28.73	29.54	0.34	0.51	0.63	0.39	0.50	0.55
3740	29.11	30.91	32.21	0.29	0.47	0.61	0.32	0.42	0.51
3780	31.35	32.02	33.81	0.30	0.48	0.62	0.34	0.44	0.51
4000	42.14	37.05	40.16	0.27	0.45	0.59	0.30	0.41	0.50
4500	28.17	27.80	27.55	0.31	0.48	0.63	0.30	0.43	0.56
5000	23.25	24.44	24.48	0.35	0.47	0.66	0.39	0.45	0.62
5500	23.12	22.35	22.94	0.33	0.61	0.80	0.34	0.56	0.70
6000	20.56	21.57	20.96	0.39	0.61	0.87	0.40	0.55	0.77
6500	20.24	20.00	20.40	0.48	0.73	0.88	0.46	0.69	0.87
7000	18.53	18.84	18.76	0.62	0.69	0.86	0.56	0.66	0.86
7500	17.53	17.42	17.78	0.61	0.78	0.81	0.55	0.68	0.86
8000	16.33	16.61	16.84	0.62	0.85	0.85	0.57	0.72	0.86
8500	15.78	15.49	15.72	0.54	0.75	0.99	0.64	0.75	0.95
9000	15.52	15.07	14.96	0.54	0.81	1.14	0.65	0.87	0.99
9500	14.13	14.20	13.86	0.61	0.91	1.17	0.64	0.94	1.06
10000	13.01	13.44	13.33	0.64	0.81	1.04	0.67	0.89	0.98
10500	11.98	12.52	13.00	0.69	0.87	1.08	0.77	0.96	1.10
11000	11.29	11.58	12.24	0.76	1.01	1.16	0.83	1.03	1.17
12000	10.19	9.95	10.22	0.71	1.17	1.66	0.85	1.14	1.44
13000	8.28	9.21	9.72	1.13	1.36	1.72	1.11	1.27	1.58
14000	9.54	10.01	10.79	1.19	1.43	1.56	1.07	1.32	1.68
15000	12.16	11.90	12.30	1.25	1.95	2.16	1.34	1.66	1.99
16000	13.09	13.56	13.23	1.61	2.11	2.82	1.90	1.96	2.18
17000	13.16	13.24	12.54	1.83	2.31	3.31	1.99	2.29	2.53
18000	10.06	11.73	12.67	3.50	3.42	3.67	3.43	3.30	3.62

REV. X1  
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