

# Ceramic Low Pass Filter

# LFCN-400D+

## 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	0.03	0.06	0.09	42.07	40.09	39.54	41.12	40.09	38.43
50	0.15	0.18	0.21	30.23	28.36	27.22	29.64	28.06	26.89
100	0.22	0.25	0.28	26.76	26.50	26.24	25.57	25.38	25.07
400	0.63	0.76	0.88	26.79	25.72	25.08	24.46	23.45	22.71
450	0.81	0.99	1.15	22.85	21.78	20.61	21.95	20.90	19.86
560	2.24	2.71	3.16	9.98	9.71	9.22	12.77	13.36	13.84
565	2.40	2.89	3.38	9.49	9.21	8.75	12.66	13.42	14.03
590	3.71	4.57	5.42	6.83	6.47	6.01	11.97	12.76	13.17
615	7.15	8.72	10.25	3.70	3.45	3.24	7.74	7.58	7.26
635	12.68	14.72	16.71	2.05	2.08	2.06	4.41	4.51	4.47
645	16.32	18.50	20.64	1.63	1.73	1.77	3.48	3.65	3.67
655	20.33	22.72	24.98	1.35	1.48	1.56	2.86	3.08	3.18
660	22.51	25.00	27.35	1.25	1.38	1.48	2.62	2.85	2.94
670	27.36	30.03	32.55	1.12	1.26	1.35	2.27	2.51	2.66
680	32.85	35.71	38.23	1.04	1.18	1.27	2.00	2.26	2.39
700	45.31	45.62	45.32	0.87	1.01	1.12	1.63	1.90	2.04
750	49.40	50.72	51.62	0.69	0.81	0.90	1.22	1.42	1.58
800	43.70	42.97	42.23	0.58	0.69	0.78	1.01	1.20	1.34
880	38.80	38.97	39.05	0.45	0.57	0.65	0.78	0.96	1.06
1000	41.73	42.26	42.69	0.35	0.43	0.52	0.54	0.69	0.78
1100	48.36	49.34	50.10	0.29	0.39	0.46	0.46	0.60	0.67
1150	54.06	55.25	56.46	0.24	0.34	0.42	0.38	0.51	0.58
1210	66.14	67.51	67.11	0.21	0.32	0.39	0.38	0.49	0.57
1550	55.72	55.94	56.95	0.13	0.23	0.32	0.19	0.29	0.31
1770	70.58	71.17	72.04	0.15	0.26	0.34	0.24	0.33	0.37
2000	56.84	56.67	55.81	0.18	0.27	0.35	0.20	0.29	0.33
2500	50.60	51.63	51.81	0.15	0.24	0.29	0.16	0.26	0.28
3000	49.89	50.38	50.55	0.20	0.30	0.34	0.15	0.23	0.27
3500	43.34	43.35	43.45	0.18	0.31	0.39	0.13	0.24	0.29
4000	36.33	37.72	36.35	0.26	0.37	0.50	0.13	0.27	0.39
4340	19.14	18.96	20.49	1.14	1.19	1.00	1.04	1.17	0.93
5000	25.66	26.49	26.63	0.40	0.53	0.64	0.24	0.38	0.51
5500	27.40	26.38	26.03	0.42	0.62	0.80	0.21	0.42	0.55
6000	24.50	25.14	24.76	0.45	0.67	0.90	0.31	0.49	0.64
7000	20.92	20.96	21.33	0.90	1.26	1.55	0.42	0.55	0.61
8000	18.68	18.98	19.33	0.73	0.88	0.94	0.34	0.50	0.59
9000	17.55	17.31	17.29	0.88	1.12	1.37	0.33	0.58	0.73
10000	15.98	16.15	16.03	0.91	1.23	1.57	0.62	1.01	1.36
11000	18.07	19.61	21.53	2.16	2.95	3.45	2.84	3.66	4.35
13000	25.79	23.96	22.37	2.03	2.72	3.35	1.89	2.28	2.45
15000	8.66	8.76	8.53	4.82	5.27	5.88	4.64	4.81	5.08

REV. X1  
LFCN-400D+  
070925  
Page 1 of 1



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