

Ceramic Low Pass Filter

LFCN-3400D-1+

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS (dB)			INPUT RETURN LOSS (dB)			OUTPUT RETURN LOSS (dB)		
	@ -55° C	@ +25° C	@ +100° C	@ -55° C	@ +25° C	@ +100° C	@ -55° C	@ +25° C	@ +100° C
40	0.03	0.03	0.04	53.18	42.74	37.82	48.23	40.56	36.60
100	0.00	0.02	0.03	46.05	47.47	37.74	44.61	45.67	37.82
500	0.04	0.08	0.10	36.62	33.82	28.67	35.66	33.17	28.32
1000	0.09	0.14	0.18	26.11	26.27	25.24	25.89	26.08	25.01
1500	0.14	0.22	0.25	22.05	21.81	22.73	21.89	21.68	22.66
2000	0.20	0.30	0.33	18.36	18.07	18.69	18.33	18.04	18.59
2500	0.32	0.42	0.49	15.10	15.14	15.13	15.01	15.12	15.05
3000	0.48	0.62	0.72	12.68	12.59	12.46	12.75	12.66	12.53
3200	0.58	0.73	0.84	11.68	11.64	11.59	11.72	11.73	11.73
3400	0.74	0.90	1.07	10.77	10.86	10.71	10.73	10.86	10.98
3500	0.84	1.02	1.22	10.37	10.50	10.31	10.30	10.43	10.60
3600	0.95	1.13	1.35	10.03	10.22	10.18	9.87	10.02	10.16
3675	1.07	1.27	1.47	9.83	10.10	10.24	9.50	9.66	9.72
3800	1.37	1.62	1.84	9.61	9.96	10.24	8.71	8.83	8.76
3900	1.86	2.22	2.56	9.27	9.53	9.80	7.57	7.56	7.34
3950	2.33	2.80	3.26	8.67	8.80	8.93	6.64	6.54	6.24
4000	3.08	3.73	4.39	7.58	7.58	7.49	5.48	5.34	4.98
4110	6.90	8.21	9.59	4.38	4.31	4.18	2.78	2.77	2.58
4200	13.61	15.76	17.94	2.45	2.54	2.60	1.51	1.69	1.66
4300	27.96	29.03	28.35	1.48	1.69	1.83	1.05	1.28	1.33
4330	29.85	27.78	26.41	1.38	1.58	1.74	1.07	1.29	1.35
4400	24.26	23.67	23.32	1.14	1.36	1.52	0.99	1.20	1.28
4600	24.41	25.37	25.99	0.70	0.90	1.07	0.80	1.03	1.11
4800	35.82	34.96	32.67	0.60	0.77	0.95	0.70	0.98	1.04
5000	24.99	24.24	23.53	0.47	0.65	0.80	0.66	0.92	1.04
5500	18.69	18.86	18.96	0.40	0.55	0.64	0.55	0.86	0.92
6000	19.58	20.10	20.25	0.36	0.50	0.58	0.55	0.78	0.98
6500	22.92	23.45	23.66	0.39	0.54	0.66	0.65	0.56	0.62
7000	28.92	29.04	28.02	0.42	0.62	0.79	0.61	0.66	0.83
7400	30.50	30.55	30.04	0.46	0.68	0.95	0.59	0.68	0.74
7800	27.13	26.35	27.15	0.54	0.79	1.04	0.49	0.68	0.74
8000	24.21	23.76	24.90	0.61	0.88	1.12	0.56	0.72	0.75
8300	21.21	20.92	20.91	0.72	0.96	1.23	0.56	0.75	0.81
9000	10.32	9.99	9.52	1.56	1.92	2.31	1.34	1.84	2.40
9250	4.48	4.44	4.58	5.65	7.15	8.24	6.34	8.90	11.72
9500	5.07	6.40	7.40	4.86	3.96	3.57	4.53	3.71	3.42
10000	12.50	13.35	14.33	1.26	1.42	1.56	0.89	1.14	1.29
11000	16.14	15.82	16.10	0.97	1.27	1.40	0.85	1.16	1.38
12000	11.85	12.06	12.17	1.18	1.46	1.76	1.21	1.32	1.55
14000	7.38	7.30	7.30	2.93	3.63	4.59	1.88	2.30	2.72
15000	12.91	14.57	14.97	2.98	3.43	3.82	1.67	1.96	2.23
16000	17.41	17.72	17.12	3.22	3.21	3.14	1.43	2.21	2.71
18000	15.11	15.28	16.77	3.5	3.920	4.0	2.26	2.49	2.37
20000	8.10	8.02	7.90	2.0	2.570	3.1	3.63	4.63	5.71

REV. X1

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