

Ceramic Low Pass Filter

LFCN-6400D+

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
40	0.08	0.02	0.09	42.89	50.93	40.90	43.65	55.42	41.63
100	0.01	0.05	0.04	42.36	48.72	39.50	41.06	45.96	39.51
200	0.01	0.07	0.04	40.24	44.86	42.22	39.80	42.89	42.04
400	0.03	0.09	0.09	39.86	40.07	31.66	39.18	40.58	31.13
500	0.04	0.09	0.09	39.48	38.21	32.12	46.34	39.76	32.12
600	0.05	0.10	0.11	37.35	36.67	32.00	40.82	37.52	32.22
800	0.06	0.13	0.14	34.03	33.63	30.51	35.10	34.08	30.11
1000	0.07	0.14	0.15	30.90	31.09	29.61	31.92	31.87	29.89
2000	0.12	0.23	0.25	23.21	22.94	22.54	23.47	23.22	22.95
3000	0.20	0.33	0.36	17.95	18.01	19.27	17.93	18.07	19.22
4000	0.26	0.41	0.55	16.45	16.39	15.17	16.39	16.53	15.42
5000	0.27	0.44	0.55	21.22	21.46	21.74	21.00	21.27	21.27
5200	0.28	0.45	0.56	24.24	25.14	25.10	23.00	24.39	24.34
5500	0.36	0.54	0.68	49.88	34.32	29.26	33.21	43.41	38.09
6000	0.57	0.77	0.97	21.78	20.16	18.76	22.11	20.28	18.94
6400	0.81	1.10	1.27	16.33	15.81	15.38	16.00	15.08	14.35
7000	1.39	1.70	1.97	14.74	15.38	15.94	14.68	15.58	16.07
7100	1.59	2.01	2.33	13.49	13.51	13.02	15.03	15.27	15.17
7200	2.07	2.58	3.11	10.58	10.03	9.41	12.77	12.28	11.59
7300	3.12	3.95	4.70	7.05	6.58	6.26	8.67	8.11	7.74
7350	4.05	4.94	5.87	5.31	5.05	4.90	6.78	6.45	6.12
7400	5.03	6.06	7.10	4.07	3.95	3.92	5.21	5.07	4.87
7500	8.42	9.65	11.07	2.23	2.37	2.54	3.09	3.19	3.16
7600	12.65	14.14	15.81	1.29	1.51	1.74	1.96	2.13	2.16
7680	17.09	18.94	20.88	0.96	1.18	1.41	1.50	1.69	1.73
7770	23.28	25.61	29.25	0.71	0.92	1.14	1.23	1.44	1.44
7800	26.00	29.00	33.03	0.66	0.86	1.08	1.12	1.31	1.30
8000	32.69	31.26	30.31	0.44	0.60	0.76	0.90	1.04	1.04
8300	27.29	28.02	28.45	0.30	0.44	0.50	0.73	0.90	0.87
9000	42.06	43.47	44.03	0.35	0.43	0.43	0.52	0.87	1.04
10000	35.10	33.53	33.18	0.61	0.82	1.03	0.50	0.87	1.26
10100	33.55	32.90	31.75	0.69	0.89	1.13	0.49	0.88	1.26
10200	32.38	32.22	31.00	0.69	0.88	1.15	0.45	0.83	1.28
10400	30.58	30.31	29.53	0.75	0.94	1.24	0.47	0.85	1.19
10500	29.95	29.16	28.72	0.81	1.01	1.27	0.46	0.84	1.16
11000	25.82	26.02	26.33	0.96	1.11	1.28	0.54	0.76	1.00
12000	21.37	21.59	22.92	1.02	1.17	1.36	0.78	0.82	0.82
12500	21.16	20.98	22.36	1.01	1.28	1.57	0.89	0.93	0.97
13000	19.79	19.24	19.82	0.87	1.27	1.61	1.07	1.08	1.18
14000	18.87	17.67	17.15	1.15	1.67	2.38	1.46	1.53	1.68
15000	17.53	16.97	16.53	1.82	1.99	2.66	1.96	2.19	2.10
17000	17.57	16.83	19.34	1.69	1.94	1.46	1.79	2.67	2.88
18000	21.92	18.93	20.17	0.97	1.55	1.50	0.94	2.08	3.10
20000	17.16	17.15	16.44	1.27	1.08	1.08	0.68	0.46	0.83

REV. X1

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