

Ceramic Low Pass Filter

LFCN-4400D+

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
50	0.02	0.04	0.05	38.06	33.69	31.00	37.93	33.57	30.87
250	0.06	0.08	0.09	28.39	32.96	36.06	28.23	33.34	39.79
500	0.06	0.10	0.13	29.22	30.42	32.94	29.31	30.86	36.83
750	0.08	0.13	0.16	27.97	28.34	29.75	28.30	28.86	32.33
1000	0.10	0.15	0.19	26.60	27.08	27.62	27.73	28.08	29.37
1500	0.14	0.21	0.26	25.47	25.72	25.48	26.76	27.22	26.58
2000	0.15	0.23	0.29	26.32	26.70	26.58	26.63	28.06	28.13
2500	0.17	0.25	0.34	27.95	28.62	26.66	28.34	30.73	30.35
3000	0.20	0.31	0.41	26.53	25.03	23.42	27.71	26.53	25.41
3500	0.27	0.40	0.51	18.99	18.92	18.82	19.62	19.72	19.72
4000	0.39	0.53	0.66	15.99	15.82	15.69	16.19	16.21	16.20
4400	0.46	0.61	0.78	16.26	15.96	15.36	16.25	15.98	15.47
4830	0.57	0.76	0.94	22.57	23.31	23.24	19.53	19.57	19.62
5000	0.76	0.98	1.17	18.00	18.34	19.02	15.68	15.93	16.46
5290	1.89	2.26	2.62	8.53	8.20	8.04	7.74	7.61	7.58
5440	3.19	3.71	4.23	5.44	5.17	5.04	4.90	4.79	4.73
5550	4.57	5.21	5.83	3.80	3.66	3.60	3.43	3.37	3.35
5690	6.87	7.60	8.38	2.40	2.43	2.47	2.18	2.22	2.24
5880	10.89	11.70	12.57	1.40	1.48	1.57	1.17	1.35	1.43
6040	14.91	15.82	16.79	0.90	1.06	1.20	0.81	1.00	1.09
6160	18.37	19.46	20.51	0.69	0.87	1.03	0.72	0.87	0.95
6250	21.41	22.62	23.78	0.58	0.76	0.93	0.66	0.81	0.89
6310	23.82	25.12	26.39	0.56	0.73	0.88	0.58	0.74	0.84
6400	27.99	29.61	31.26	0.48	0.65	0.80	0.54	0.72	0.83
6620	55.54	46.63	42.80	0.44	0.58	0.70	0.47	0.68	0.81
7120	28.82	29.32	29.60	0.31	0.47	0.58	0.46	0.68	0.85
8000	31.99	32.78	33.72	0.26	0.47	0.68	0.53	0.80	1.03
8450	33.90	34.39	34.74	0.29	0.55	0.85	0.63	0.86	1.12
9000	30.11	30.12	29.93	0.40	0.67	0.99	0.69	0.95	1.23
10000	23.26	23.98	24.20	0.60	0.79	1.01	0.87	1.05	1.27
11000	19.80	20.30	20.59	0.66	0.83	0.98	1.25	1.43	1.57
12000	19.13	19.79	20.12	0.80	0.93	1.06	2.88	3.99	5.20
13000	20.51	20.15	19.73	0.63	0.81	1.10	1.72	2.07	2.19
14000	16.87	16.61	16.10	0.92	1.09	1.47	1.45	1.81	2.11
15000	15.17	15.35	15.68	1.47	1.65	2.03	2.37	2.51	2.84
16000	16.97	16.41	16.81	1.84	2.51	3.01	2.59	2.58	2.60
17000	18.27	17.83	17.97	1.88	2.17	3.14	1.49	1.98	2.12
18000	18.82	18.98	19.95	3.19	2.46	2.11	0.92	1.49	2.20
19000	14.59	14.42	16.15	1.43	1.78	1.49	3.06	3.04	3.37
20000	16.06	15.90	16.07	1.09	1.15	1.77	2.43	3.43	3.66

REV. X1

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