

Ceramic Low Pass Filter

LFCN-5000+

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	0.04	0.05	0.06	39.60	37.42	35.99	40.38	38.08	36.59
100	0.05	0.06	0.08	39.40	37.18	35.54	39.38	37.11	35.42
1000	0.13	0.18	0.23	24.85	26.15	27.53	25.11	26.34	27.77
3000	0.24	0.38	0.50	20.06	19.95	20.27	20.11	19.59	19.38
4000	0.38	0.54	0.71	15.77	16.04	15.88	15.83	16.10	15.97
5000	0.63	0.89	1.15	16.55	15.84	15.24	19.00	18.30	17.39
5130	0.82	1.12	1.41	13.75	12.95	12.46	15.55	14.62	14.00
5560	2.97	3.60	4.21	5.05	4.75	4.54	5.55	5.27	5.12
5580	3.13	3.79	4.43	4.79	4.51	4.30	5.26	5.02	4.88
5750	5.08	5.82	6.64	2.93	2.89	2.79	3.37	3.30	3.23
5880	7.03	7.96	8.87	1.99	2.06	2.06	2.33	2.36	2.40
6050	10.25	11.25	12.24	1.21	1.38	1.48	1.54	1.67	1.78
6260	15.17	16.30	17.40	0.72	0.97	1.13	1.01	1.19	1.38
6430	20.38	21.83	23.32	0.54	0.82	1.01	0.77	0.93	1.07
6485	22.43	24.10	25.79	0.49	0.77	0.97	0.72	0.89	1.03
6560	25.83	27.86	30.03	0.46	0.75	0.95	0.66	0.82	0.95
6600	28.02	30.39	32.96	0.43	0.71	0.92	0.64	0.80	0.93
6650	31.39	34.48	37.85	0.43	0.72	0.94	0.59	0.77	0.89
6710	37.11	41.57	43.21	0.41	0.71	0.93	0.56	0.73	0.85
6800	42.84	38.60	36.16	0.41	0.69	0.92	0.53	0.71	0.84
6850	37.39	34.85	33.38	0.41	0.70	0.93	0.51	0.68	0.81
7000	29.99	29.27	28.94	0.42	0.69	0.93	0.49	0.65	0.76
7050	28.63	27.58	28.18	0.41	0.69	0.93	0.47	0.63	0.73
7620	24.82	25.32	25.65	0.49	0.78	1.08	0.36	0.54	0.69
8000	25.51	26.17	26.63	0.51	0.84	1.20	0.36	0.56	0.73
8500	27.88	28.72	29.28	0.61	1.00	1.35	0.35	0.56	0.76
9270	28.37	29.19	29.58	0.94	1.20	1.46	0.43	0.64	0.93
9500	26.71	27.96	28.40	0.98	1.19	1.41	0.46	0.70	1.04
10000	25.69	25.57	26.21	0.90	1.20	1.39	0.50	0.76	1.09
10500	23.19	23.70	23.99	0.77	1.12	1.37	0.55	0.81	1.19
11000	22.51	22.47	22.27	0.70	1.06	1.36	0.59	0.87	1.20
11500	20.84	21.05	21.21	0.71	1.00	1.29	0.70	0.93	1.21
12000	19.62	20.05	20.40	0.83	1.10	1.30	0.81	1.11	1.31
13000	17.82	18.57	18.88	1.13	1.70	2.42	0.99	1.30	1.46
14000	18.06	18.17	18.15	0.92	1.42	1.86	1.48	1.66	1.72
15000	17.35	17.36	17.07	1.06	1.62	2.25	1.88	2.22	2.48
16000	17.26	18.17	17.82	1.48	1.74	2.22	2.25	2.39	2.82
17000	19.01	18.32	18.06	1.67	2.04	2.41	3.52	2.97	3.10
18000	20.32	20.84	21.10	1.23	1.67	2.06	1.65	1.98	2.53
19000	19.11	19.19	18.84	1.57	2.35	3.21	0.87	1.27	1.82
20000	20.63	22.00	22.52	2.68	3.10	3.63	0.45	0.93	1.54

REV. X1
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080722
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