

# Ceramic Low Pass Filter

# LFCN-5850+

## 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	0.02	0.03	0.04	42.84	48.94	43.66	43.28	50.52	43.92
100	0.03	0.04	0.05	39.78	45.73	40.53	40.63	46.32	40.64
200	0.04	0.06	0.07	44.51	41.37	39.94	40.46	41.30	40.43
400	0.05	0.09	0.11	38.57	35.06	28.88	45.25	35.83	28.84
600	0.07	0.11	0.14	32.05	30.86	28.00	32.52	31.80	28.39
800	0.09	0.13	0.17	28.06	27.71	26.00	28.93	28.63	26.59
1000	0.10	0.15	0.19	25.63	25.25	24.72	26.50	26.03	25.51
1500	0.16	0.23	0.27	21.20	21.03	21.18	21.59	21.54	22.02
2000	0.21	0.29	0.34	18.12	17.95	17.90	18.37	18.29	18.29
2500	0.29	0.38	0.44	15.59	15.64	16.04	15.70	15.81	16.22
3000	0.36	0.46	0.51	14.03	14.27	14.89	14.02	14.24	14.89
3250	0.39	0.49	0.56	13.52	13.86	14.19	13.51	13.86	14.24
4000	0.36	0.50	0.64	15.17	14.78	14.22	15.07	14.75	14.28
4500	0.33	0.47	0.59	19.33	19.07	18.97	18.67	18.64	18.65
5000	0.40	0.55	0.68	48.83	31.48	27.69	30.74	40.01	35.26
5600	0.74	0.95	1.13	16.49	15.67	15.38	16.64	15.90	15.73
5850	0.95	1.17	1.38	14.23	13.99	13.75	14.51	13.97	13.63
6000	1.05	1.28	1.50	13.77	13.94	13.88	14.16	14.07	13.81
6400	1.39	1.75	2.08	22.74	20.62	18.15	30.92	27.58	23.32
6520	1.98	2.61	3.20	13.40	11.02	9.78	14.81	12.07	10.84
6540	2.14	2.84	3.50	11.90	9.90	8.80	13.02	10.71	9.60
6770	7.55	8.84	10.08	2.83	2.82	2.82	3.04	2.95	2.89
6880	12.15	13.58	15.02	1.56	1.78	1.94	1.72	1.86	1.92
6970	16.57	18.26	19.91	1.09	1.34	1.56	1.24	1.41	1.52
7040	20.77	22.77	24.81	0.87	1.12	1.36	1.07	1.24	1.34
7100	25.12	27.61	30.34	0.74	1.01	1.24	0.96	1.12	1.21
7160	30.76	34.74	39.54	0.65	0.91	1.13	0.88	1.03	1.12
7500	30.18	30.12	30.14	0.43	0.60	0.75	0.67	0.80	0.86
7600	29.85	30.17	30.39	0.40	0.54	0.68	0.64	0.77	0.83
8050	37.25	39.00	40.38	0.39	0.44	0.52	0.51	0.66	0.78
8200	45.29	48.39	50.96	0.41	0.45	0.54	0.50	0.68	0.83
9500	31.67	31.22	30.80	0.71	0.93	1.21	0.57	0.90	1.25
9900	29.70	29.26	28.85	0.85	1.09	1.41	0.58	0.91	1.24
10000	28.15	27.90	27.73	0.92	1.13	1.44	0.62	0.94	1.25
11000	22.76	23.35	23.76	1.00	1.16	1.34	0.68	0.84	1.01
12000	20.81	20.88	21.36	0.86	1.13	1.28	0.92	0.94	0.98
12500	20.22	19.87	19.94	0.77	1.18	1.41	0.93	1.02	1.08
14000	18.40	17.68	16.90	1.19	1.51	2.09	1.39	1.63	1.85
16000	15.71	16.55	17.23	2.33	1.76	1.58	1.85	2.60	3.16
18000	20.48	18.41	17.54	0.60	0.92	1.55	1.25	1.86	2.93
20000	10.24	10.85	12.18	3.57	3.72	2.95	1.74	1.77	1.99

