

# Ceramic Low Pass Filter

# LFCN-95

## 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
1	0.14	0.21	0.26	34.22	32.26	30.15	34.03	32.26	31.70
20	0.28	0.35	0.40	27.92	25.71	24.38	27.96	25.95	24.60
25	0.27	0.34	0.40	28.62	26.04	24.50	28.60	26.19	24.67
30	0.34	0.41	0.47	28.25	25.82	24.31	28.54	26.19	24.62
35	0.35	0.43	0.49	28.15	25.76	24.23	28.71	26.25	24.60
40	0.39	0.47	0.53	27.81	25.56	24.07	28.72	26.30	24.61
45	0.41	0.49	0.56	27.63	25.45	23.99	28.66	26.26	24.56
50	0.44	0.52	0.58	27.39	25.36	23.95	28.48	26.17	24.49
60	0.49	0.57	0.64	26.95	25.13	23.88	28.02	25.99	24.45
70	0.55	0.64	0.71	26.50	24.90	23.86	28.01	26.19	24.82
80	0.61	0.71	0.79	26.29	24.85	24.02	27.93	26.34	25.21
95	0.73	0.83	0.92	25.45	24.47	24.01	27.39	26.41	25.85
110	0.89	1.01	1.10	23.43	23.20	23.21	24.89	24.99	25.30
165	2.97	3.13	3.29	10.72	11.36	11.77	8.45	8.81	9.09
180	5.39	5.49	5.63	7.81	8.62	9.15	4.89	5.22	5.47
195	10.13	10.02	10.06	5.91	6.76	7.43	2.66	2.93	3.15
210	17.91	17.49	17.36	4.79	5.47	6.07	1.66	1.86	2.03
215	21.22	20.69	20.49	4.48	5.10	5.64	1.49	1.68	1.83
220	24.87	24.23	23.98	4.19	4.76	5.24	1.38	1.55	1.69
230	33.00	32.25	31.95	3.66	4.16	4.55	1.22	1.39	1.51
240	40.32	40.34	40.51	3.21	3.68	4.02	1.13	1.28	1.39
250	41.22	42.20	43.05	2.85	3.29	3.62	1.06	1.21	1.31
255	40.14	40.99	41.67	2.69	3.13	3.45	1.02	1.17	1.28
295	36.21	36.24	36.28	1.83	2.17	2.44	0.85	0.98	1.09
410	55.29	56.13	56.31	0.77	0.89	0.99	0.57	0.68	0.76
515	45.30	45.35	45.35	0.42	0.49	0.55	0.42	0.51	0.57
700	60.83	58.51	57.35	0.25	0.28	0.32	0.27	0.34	0.39
780	58.10	60.52	62.11	0.23	0.26	0.30	0.24	0.29	0.34
985	47.82	48.35	48.73	0.19	0.23	0.26	0.20	0.25	0.29
1235	47.96	48.10	48.24	0.19	0.22	0.25	0.18	0.23	0.27
1400	49.57	49.64	49.64	0.18	0.22	0.25	0.19	0.24	0.26
1600	47.41	47.15	47.46	0.21	0.24	0.27	0.28	0.34	0.37
2000	45.10	45.25	45.31	0.18	0.23	0.28	0.24	0.27	0.28
2500	32.65	32.94	32.99	0.18	0.27	0.35	0.27	0.32	0.35
3000	30.81	30.89	30.99	0.13	0.24	0.35	0.25	0.31	0.33
3500	28.94	29.13	29.22	0.18	0.30	0.42	0.49	0.53	0.57
4500	25.06	25.30	25.52	0.23	0.35	0.49	0.37	0.48	0.58
5000	23.77	24.17	24.36	0.30	0.45	0.59	0.35	0.51	0.64
6000	21.36	21.51	21.66	0.49	0.65	0.78	1.38	1.30	1.36
7000	18.07	18.27	18.60	1.21	1.29	1.34	1.43	1.54	1.73
8000	19.50	20.13	20.71	6.66	5.84	5.30	6.33	7.62	9.49
10000	23.93	21.57	20.62	7.25	11.08	14.18	4.52	5.09	5.32

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080722  
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