

# Ceramic Low Pass Filter

# LFCN-180

## 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	0.25	0.30	0.33	31.50	30.27	28.62	32.24	30.86	29.29
50	0.24	0.29	0.33	30.49	29.51	28.04	31.30	30.39	28.90
60	0.27	0.32	0.36	29.73	28.94	27.63	30.76	30.11	28.76
80	0.33	0.38	0.42	28.64	27.92	26.89	30.38	29.73	28.72
100	0.39	0.45	0.49	27.94	27.14	26.32	30.83	29.84	28.99
120	0.45	0.52	0.57	27.38	26.54	25.90	32.17	30.50	29.70
140	0.53	0.60	0.66	26.47	25.89	25.57	32.31	30.87	30.45
150	0.57	0.65	0.71	25.78	25.47	25.40	30.96	30.29	30.41
160	0.61	0.70	0.77	24.97	24.95	25.19	29.08	29.10	29.80
170	0.66	0.76	0.83	24.05	24.27	24.81	27.08	27.45	28.51
180	0.72	0.82	0.90	23.02	23.34	24.10	25.15	25.58	26.66
200	0.87	0.98	1.07	20.53	20.75	21.42	21.70	21.88	22.53
235	1.35	1.50	1.62	14.48	14.49	14.55	16.23	16.28	16.30
250	1.78	1.94	2.07	11.51	11.64	11.66	13.81	14.15	14.20
270	2.86	2.98	3.12	7.67	8.01	8.11	10.41	11.25	11.65
290	5.14	5.11	5.20	4.44	4.87	5.07	7.16	8.17	8.93
310	9.44	9.16	9.13	2.40	2.74	2.94	4.76	5.52	6.18
325	14.17	13.67	13.55	1.63	1.89	2.05	3.68	4.21	4.68
340	19.98	19.26	19.05	1.27	1.48	1.61	3.04	3.44	3.77
350	24.27	23.44	23.18	1.15	1.34	1.46	2.78	3.14	3.42
370	32.88	32.13	31.92	1.01	1.18	1.30	2.46	2.82	3.07
500	38.14	37.94	37.86	0.74	0.87	0.98	1.51	1.75	1.97
525	40.68	40.29	40.09	0.70	0.81	0.93	1.30	1.51	1.70
560	46.53	45.47	45.14	0.66	0.77	0.88	1.07	1.24	1.38
580	51.82	50.21	49.42	0.61	0.73	0.82	0.95	1.10	1.23
610	59.30	59.40	58.11	0.58	0.69	0.80	0.80	0.94	1.05
660	49.61	50.27	50.56	0.51	0.62	0.70	0.63	0.74	0.83
900	61.37	58.26	56.67	0.30	0.37	0.44	0.32	0.38	0.41
950	63.11	66.70	66.78	0.29	0.36	0.42	0.31	0.35	0.39
1500	44.74	45.11	45.35	0.18	0.22	0.26	0.30	0.33	0.36
2350	40.05	42.54	43.81	0.47	0.43	0.41	0.25	0.29	0.35
3150	27.99	27.24	27.59	0.37	0.46	0.55	1.44	1.28	1.39
5000	24.17	24.39	24.35	0.80	1.00	1.24	0.33	0.45	0.62
6400	19.23	19.54	19.68	0.41	0.58	0.76	0.67	0.67	0.74
7000	18.24	18.24	18.34	0.44	0.68	0.93	1.30	1.23	1.26
8500	26.55	28.02	29.51	2.08	2.20	2.00	2.15	2.15	2.44
10000	21.03	18.94	16.59	2.07	2.52	2.60	1.51	1.78	2.03
11000	12.67	11.44	11.66	4.99	4.88	4.23	4.07	4.30	4.29
13000	22.41	19.94	18.28	3.24	3.91	5.05	3.66	4.33	4.93
15000	12.07	11.25	11.48	1.40	1.91	2.15	6.00	4.50	4.25
16000	20.47	29.23	31.69	2.66	2.79	3.29	10.83	13.31	14.90
18000	14.46	12.51	10.28	3.93	3.89	4.02	4.75	6.50	8.54

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