

# Ceramic Low Pass Filter

# LFCN-1450+

## 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	0.07	0.06	0.09	38.71	36.27	35.41	39.00	36.97	35.74
100	0.08	0.08	0.12	36.10	34.18	33.28	36.41	34.28	33.39
500	0.18	0.23	0.26	29.05	30.86	32.87	28.23	29.37	30.24
1000	0.31	0.39	0.46	27.47	26.76	26.67	26.80	25.82	25.45
1450	0.62	0.79	0.92	24.79	25.94	26.45	23.57	23.86	23.78
1530	0.79	1.00	1.17	24.67	23.95	23.35	22.19	21.63	21.07
1685	1.99	2.51	2.92	9.83	9.07	8.59	10.44	9.98	9.71
1700	2.29	2.89	3.36	8.67	7.96	7.52	9.37	8.97	8.73
1740	3.49	4.33	4.98	5.91	5.42	5.09	6.77	6.51	6.38
1825	8.74	10.21	11.29	2.24	2.16	2.14	3.08	3.17	3.21
1860	11.98	13.62	14.84	1.51	1.55	1.60	2.36	2.52	2.62
1910	17.42	19.29	20.62	0.99	1.12	1.20	1.70	1.90	2.00
1960	23.47	25.44	26.93	0.78	0.91	1.02	1.39	1.57	1.70
1975	25.48	27.33	28.85	0.72	0.87	0.96	1.31	1.49	1.59
2000	28.53	30.44	31.83	0.66	0.80	0.90	1.18	1.36	1.47
2025	31.44	33.31	34.48	0.59	0.73	0.83	1.10	1.26	1.38
2040	32.98	34.90	35.78	0.56	0.71	0.80	1.05	1.24	1.34
2050	33.98	35.83	36.55	0.58	0.73	0.84	1.02	1.19	1.29
2125	38.63	38.78	38.75	0.45	0.61	0.72	0.85	1.01	1.12
2660	32.46	32.67	32.86	0.25	0.40	0.50	0.41	0.56	0.70
3000	35.08	35.42	35.74	0.26	0.38	0.47	0.30	0.47	0.61
3500	40.24	40.54	40.92	0.28	0.39	0.46	0.33	0.47	0.59
4000	42.61	42.15	42.79	0.23	0.38	0.44	0.29	0.44	0.53
4160	40.48	41.28	41.36	0.27	0.40	0.49	0.32	0.48	0.56
4230	41.64	41.49	42.42	0.27	0.41	0.49	0.32	0.48	0.56
4300	42.42	41.10	41.85	0.27	0.44	0.49	0.32	0.48	0.55
4500	40.40	39.11	39.04	0.26	0.45	0.53	0.30	0.45	0.54
5000	37.50	35.52	37.04	0.30	0.50	0.59	0.35	0.53	0.61
6500	29.21	27.24	27.47	0.47	0.76	0.90	0.50	0.79	0.98
6600	27.21	25.22	24.52	0.56	0.81	0.98	0.59	0.95	1.20
6630	25.24	24.76	22.53	0.54	0.76	1.02	0.68	0.99	1.39
6700	21.83	21.06	19.72	0.65	0.88	1.14	0.88	1.38	1.99
6890	12.10	14.51	16.26	1.41	1.13	1.14	5.79	2.84	2.07
7000	17.10	18.73	19.70	0.63	0.87	1.06	1.08	1.09	1.24
8000	21.44	22.17	22.14	0.68	0.80	1.00	0.57	0.80	1.01
10000	15.60	16.35	16.50	0.75	0.92	1.15	0.80	0.94	1.09
11000	13.23	13.56	13.67	0.84	1.14	1.38	0.91	1.16	1.31
12000	9.61	9.55	9.62	1.33	1.91	2.37	1.45	2.11	2.73
12240	8.35	8.37	8.95	1.85	2.67	3.20	2.57	4.38	6.45
13000	12.26	14.52	15.03	9.81	11.30	8.63	1.78	1.98	2.32

REV. X1  
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