

# Ceramic Low Pass Filter

# LFCN-1500

## 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	0.05	0.06	0.08	34.84	33.48	32.53	34.24	33.19	32.40
100	0.06	0.08	0.10	35.51	34.17	33.18	35.28	34.08	33.14
500	0.13	0.18	0.22	31.61	33.22	35.87	28.57	28.81	29.30
1000	0.25	0.33	0.40	23.38	23.39	23.17	22.28	22.05	21.53
1500	0.55	0.68	0.80	17.62	18.02	18.27	17.34	17.45	17.49
1560	0.61	0.75	0.89	18.14	18.59	18.95	17.50	17.62	17.77
1650	0.77	0.95	1.11	17.94	18.20	18.46	16.55	16.57	16.71
1710	1.00	1.23	1.43	15.58	15.41	15.37	14.41	14.27	14.30
1825	2.43	2.88	3.32	7.82	7.49	7.25	7.91	7.76	7.69
1870	3.92	4.56	5.20	5.10	4.90	4.75	5.50	5.46	5.44
1940	8.40	9.38	10.41	2.29	2.32	2.36	2.91	3.02	3.11
2025	18.00	19.44	20.96	1.01	1.17	1.32	1.63	1.80	1.93
2055	22.75	24.45	26.24	0.84	1.00	1.16	1.43	1.59	1.72
2100	32.68	35.08	37.39	0.69	0.86	1.02	1.21	1.36	1.48
2120	39.16	41.11	41.44	0.63	0.80	0.97	1.13	1.28	1.40
2150	41.82	39.80	38.56	0.57	0.75	0.90	1.05	1.19	1.31
2210	35.67	35.72	35.89	0.49	0.66	0.81	0.91	1.04	1.15
2345	46.21	47.40	47.92	0.37	0.53	0.68	0.69	0.81	0.92
2365	49.38	48.69	47.36	0.36	0.52	0.67	0.67	0.79	0.90
2415	42.76	41.69	40.69	0.34	0.50	0.65	0.63	0.75	0.86
2495	36.26	35.85	35.55	0.31	0.47	0.61	0.56	0.68	0.80
2850	30.44	30.58	30.68	0.24	0.40	0.54	0.41	0.54	0.67
3830	37.61	37.93	38.31	0.23	0.40	0.56	0.30	0.44	0.55
4020	39.16	39.51	39.87	0.18	0.35	0.49	0.34	0.47	0.57
4210	40.53	40.84	41.16	0.21	0.38	0.53	0.30	0.42	0.52
4400	40.77	41.14	41.31	0.22	0.38	0.51	0.32	0.44	0.53
4470	39.40	39.78	40.14	0.26	0.42	0.55	0.31	0.42	0.51
4640	40.37	39.98	40.40	0.23	0.41	0.52	0.32	0.44	0.52
5060	39.05	38.43	38.57	0.25	0.44	0.59	0.32	0.44	0.52
6600	27.62	27.68	28.03	0.57	0.81	1.13	0.45	0.64	0.82
6800	26.22	25.93	25.61	0.55	0.81	1.10	0.50	0.72	0.94
6940	21.91	21.22	20.00	0.70	0.94	1.31	0.83	1.06	1.51
7000	19.32	17.67	16.40	0.77	1.13	1.53	1.28	1.81	2.59
7070	14.26	12.47	11.88	1.25	1.83	2.20	2.81	4.58	6.10
7750	20.28	20.49	20.57	0.71	0.88	1.12	0.66	0.86	1.19
8440	19.28	19.39	19.37	0.71	0.98	1.31	0.77	0.96	1.20
10000	16.07	16.40	16.70	0.60	0.91	1.10	0.73	0.90	1.05
12380	8.42	8.52	9.16	1.61	2.50	3.54	1.95	2.57	3.27
12620	12.66	14.71	14.90	2.37	2.17	2.44	2.77	2.19	2.07
14000	8.53	8.81	9.19	2.60	3.25	4.00	2.44	2.88	3.32
15000	8.84	8.80	9.48	2.76	3.65	4.32	7.21	9.95	13.89

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