

# Ceramic Low Pass Filter

# LFCN-630

## 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	0.02	0.05	0.07	47.63	46.06	45.03	47.60	46.06	45.00
50	0.11	0.14	0.16	34.19	32.62	31.86	34.16	32.65	31.83
100	0.15	0.18	0.21	32.09	31.11	30.56	33.08	31.97	31.36
630	0.60	0.75	0.87	24.85	24.48	23.91	25.48	25.28	24.83
700	0.77	0.95	1.12	21.69	21.02	20.31	23.20	22.64	22.00
830	1.62	2.02	2.40	16.41	15.67	14.80	20.51	19.65	18.39
840	1.84	2.29	2.74	14.16	13.40	12.56	16.79	15.97	14.93
865	2.82	3.49	4.18	8.88	8.28	7.68	10.10	9.53	8.91
900	5.97	7.06	8.12	3.98	3.80	3.63	4.69	4.57	4.42
935	11.37	12.72	13.99	1.90	1.97	2.01	2.43	2.57	2.65
955	15.07	16.49	17.81	1.41	1.53	1.61	1.88	2.07	2.20
970	18.01	19.47	20.83	1.18	1.32	1.42	1.64	1.84	1.98
1000	24.29	25.84	27.29	0.95	1.09	1.20	1.34	1.54	1.70
1020	28.82	30.47	32.01	0.87	1.01	1.12	1.21	1.42	1.57
1040	33.74	35.54	37.24	0.81	0.94	1.05	1.12	1.33	1.48
1050	36.43	38.34	40.15	0.78	0.91	1.02	1.09	1.29	1.44
1065	40.84	42.95	44.98	0.74	0.88	0.98	1.04	1.23	1.38
1130	70.27	66.95	64.94	0.65	0.78	0.88	0.87	1.05	1.19
1250	52.87	52.91	52.91	0.54	0.67	0.78	0.67	0.84	0.96
1360	48.09	48.49	48.88	0.48	0.61	0.71	0.55	0.69	0.81
1625	54.79	55.33	55.76	0.36	0.49	0.60	0.37	0.50	0.59
2015	71.76	74.70	79.60	0.26	0.40	0.52	0.25	0.36	0.44
2500	54.64	54.20	54.19	0.23	0.36	0.46	0.17	0.28	0.35
3000	47.67	51.23	51.12	0.25	0.35	0.44	0.21	0.29	0.35
3500	44.31	45.12	46.33	0.26	0.38	0.47	0.17	0.29	0.36
4000	43.70	42.34	42.46	0.24	0.39	0.48	0.15	0.29	0.39
4500	34.74	35.87	36.82	0.26	0.39	0.53	0.22	0.35	0.47
5000	29.02	30.26	31.04	0.37	0.49	0.65	0.33	0.45	0.60
5400	24.78	22.43	23.85	1.49	1.92	1.38	0.34	0.56	0.65
6000	23.85	23.74	24.70	0.50	0.67	0.92	0.39	0.55	0.72
6500	23.55	23.95	24.28	0.43	0.66	0.89	0.25	0.45	0.62
7000	22.24	22.42	22.45	0.47	0.68	0.90	0.31	0.49	0.66
7500	21.49	21.62	21.97	0.58	0.84	1.06	0.25	0.44	0.60
8000	20.48	20.87	20.92	0.59	0.79	1.07	0.21	0.37	0.54
9000	17.84	18.13	18.05	0.85	1.06	1.22	0.26	0.52	0.75
10000	16.42	16.41	16.32	0.86	1.09	1.31	0.44	0.77	1.05
11000	16.72	17.28	17.81	0.79	1.14	1.50	0.93	1.37	1.78
12000	28.13	29.41	31.11	3.20	2.71	2.75	1.76	2.26	2.61
14000	14.76	15.59	16.48	1.77	2.16	2.40	2.47	2.87	3.41
16000	16.34	16.48	17.40	4.05	4.15	4.68	3.64	3.73	3.95
18000	18.32	17.01	17.60	9.63	8.70	7.58	7.01	11.23	16.94
20000	8.59	9.08	9.82	6.52	7.10	7.66	1.66	2.20	2.75

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