

# Ceramic Low Pass Filter

# LFCN-530D

## 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	47.11	46.06	45.60	47.00	46.06	45.40
50	0.12	0.16	0.18	33.82	32.31	31.64	33.20	31.72	31.06
100	0.17	0.22	0.24	32.97	31.93	31.57	31.11	30.04	29.57
200	0.25	0.32	0.35	32.50	34.75	37.04	27.52	27.62	27.74
300	0.33	0.41	0.47	33.65	39.11	51.62	26.29	26.33	26.27
400	0.43	0.54	0.62	33.23	35.64	37.40	26.90	26.79	26.60
500	0.58	0.73	0.84	28.58	28.88	28.88	26.68	26.53	26.24
515	0.61	0.77	0.89	27.16	27.21	27.01	25.83	25.60	25.23
530	0.65	0.81	0.94	25.67	25.53	25.20	24.74	24.44	24.02
545	0.69	0.87	1.00	24.13	23.86	23.45	23.60	23.24	22.79
570	0.78	0.97	1.12	21.67	21.25	20.78	21.64	21.23	20.78
670	1.57	1.95	2.27	13.04	12.49	12.01	16.55	16.79	16.98
700	2.33	2.89	3.38	9.68	9.12	8.65	13.76	13.97	14.05
725	3.81	4.69	5.46	6.26	5.85	5.52	9.15	9.10	8.97
755	7.84	9.23	10.41	3.03	2.95	2.89	4.60	4.70	4.73
780	13.42	15.14	16.58	1.74	1.85	1.92	2.76	2.99	3.13
795	17.61	19.49	21.09	1.38	1.52	1.62	2.21	2.47	2.63
815	24.24	26.41	28.26	1.12	1.28	1.40	1.80	2.06	2.23
820	26.15	28.41	30.32	1.07	1.24	1.36	1.73	1.99	2.16
850	40.89	41.61	41.38	0.91	1.07	1.19	1.46	1.71	1.87
945	43.79	44.98	45.98	0.66	0.81	0.91	1.15	1.38	1.53
960	47.58	49.04	49.97	0.64	0.78	0.89	1.13	1.35	1.50
1050	40.25	40.20	40.18	0.53	0.66	0.76	1.00	1.20	1.35
1165	36.81	37.20	37.50	0.44	0.56	0.66	0.86	1.04	1.18
1315	39.26	39.77	40.21	0.35	0.47	0.56	0.68	0.85	0.97
1570	49.21	49.82	50.39	0.27	0.38	0.48	0.47	0.61	0.71
1755	58.61	59.17	59.60	0.23	0.35	0.44	0.38	0.50	0.59
1925	63.57	63.50	63.03	0.20	0.32	0.41	0.31	0.43	0.50
2140	58.41	57.51	57.31	0.19	0.31	0.40	0.26	0.36	0.43
2500	52.23	51.92	52.20	0.20	0.32	0.40	0.18	0.29	0.35
2880	49.46	47.84	47.83	0.24	0.35	0.43	0.20	0.30	0.36
3000	44.44	47.94	47.84	0.24	0.34	0.42	0.21	0.29	0.35
3640	41.72	42.84	42.96	0.23	0.37	0.46	0.21	0.30	0.38
4780	29.67	29.13	27.98	0.50	0.71	0.93	0.32	0.49	0.66
4910	18.10	18.81	21.01	1.63	1.38	1.09	1.00	0.91	0.79
5840	23.86	26.47	26.66	0.66	0.73	0.86	1.08	0.88	0.84
6000	25.48	24.80	24.78	0.44	0.67	0.84	0.35	0.54	0.70
7800	20.42	20.46	20.60	0.48	0.76	0.95	0.33	0.56	0.72
10820	15.77	16.32	16.76	1.90	2.44	2.99	0.73	1.12	1.49
13280	24.50	28.15	28.24	1.70	2.04	2.47	1.90	1.85	2.02
16000	14.26	14.50	14.44	2.93	3.48	4.22	3.38	3.68	3.77

