

# Ceramic Low Pass Filter

# LFCN-575

## 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	47.50	46.06	47.16	47.74	46.06	45.16
50	0.12	0.15	0.17	35.59	33.64	32.50	34.54	32.86	31.96
100	0.16	0.20	0.23	35.88	34.10	32.95	32.19	31.18	30.70
575	0.65	0.81	0.94	31.19	32.32	33.68	27.90	27.60	27.31
635	0.82	1.02	1.20	25.81	24.70	23.54	24.48	23.43	22.37
670	0.98	1.23	1.45	20.22	19.22	18.26	20.18	19.34	18.49
770	2.33	2.92	3.49	10.27	9.62	9.06	14.55	15.25	16.13
805	4.21	5.34	6.47	6.36	5.76	5.25	11.08	11.01	10.61
835	8.69	10.55	12.36	3.08	2.91	2.78	5.53	5.48	5.31
850	12.28	14.44	16.49	2.15	2.16	2.16	3.92	4.03	4.02
870	18.28	20.78	23.13	1.51	1.62	1.70	2.74	2.96	3.07
900	30.11	33.14	35.60	1.10	1.25	1.37	1.96	2.21	2.37
980	39.37	40.21	41.06	0.76	0.91	1.02	1.33	1.57	1.74
1050	49.48	47.43	46.05	0.63	0.76	0.88	1.12	1.36	1.52
1150	37.47	37.57	37.62	0.51	0.63	0.74	0.95	1.17	1.33
1215	36.43	36.74	37.00	0.46	0.58	0.70	0.86	1.07	1.23
1500	43.27	43.94	44.58	0.31	0.43	0.54	0.57	0.75	0.87
1700	53.75	54.70	55.67	0.27	0.39	0.49	0.44	0.60	0.70
1800	61.17	62.44	63.52	0.26	0.38	0.48	0.39	0.53	0.63
1915	70.92	71.13	72.04	0.24	0.35	0.46	0.34	0.48	0.57
2200	65.15	62.28	60.79	0.24	0.35	0.44	0.27	0.39	0.47
2500	53.17	52.63	52.25	0.25	0.34	0.43	0.19	0.32	0.38
3200	45.67	47.83	48.47	0.28	0.37	0.44	0.19	0.30	0.37
4000	38.46	38.32	39.63	0.26	0.40	0.47	0.17	0.33	0.41
4500	35.57	35.57	36.03	0.29	0.45	0.57	0.20	0.38	0.51
4970	18.92	16.59	18.13	1.25	2.02	1.54	0.81	1.39	1.13
5500	23.94	25.11	25.55	0.44	0.59	0.81	0.31	0.50	0.69
6000	23.56	26.99	26.82	0.70	0.81	0.97	0.78	0.82	0.87
6500	22.42	22.63	22.92	0.54	0.73	0.98	0.28	0.50	0.71
7000	21.15	21.32	21.66	0.69	0.88	1.03	0.37	0.58	0.74
7500	20.52	20.43	20.77	0.73	0.95	1.05	0.35	0.57	0.71
8000	19.62	19.67	19.82	0.75	1.01	1.12	0.27	0.48	0.61
8500	18.41	18.60	18.73	0.76	0.94	1.06	0.22	0.43	0.55
9000	17.58	17.70	17.83	0.80	0.99	1.20	0.22	0.45	0.59
9500	16.87	17.06	17.07	0.96	1.24	1.45	0.22	0.51	0.69
10000	16.32	16.34	16.40	0.97	1.34	1.68	0.38	0.77	1.06
12000	26.17	29.74	32.83	3.25	3.64	3.98	8.26	8.81	8.23
14000	26.91	23.97	22.70	1.80	2.47	3.16	1.93	2.36	2.70
16000	17.29	17.00	17.10	2.86	3.40	4.17	2.50	2.83	3.13
18000	11.16	11.60	13.70	13.31	11.15	9.22	3.70	3.83	3.60
20000	12.45	13.62	14.26	16.52	23.98	30.60	1.66	2.51	3.52

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