

# Ceramic Low Pass Filter

# LFCN-320D+

## 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	0.04	0.09	0.11	41.09	40.09	39.00	41.56	40.09	39.80
50	0.17	0.22	0.24	32.50	31.12	30.12	32.00	30.63	29.63
100	0.24	0.30	0.33	31.68	31.02	30.51	29.46	28.67	28.17
320	0.64	0.78	0.89	23.41	23.46	23.42	22.63	22.61	22.46
360	0.82	0.99	1.15	19.05	18.69	18.27	18.76	18.42	18.01
460	2.15	2.60	3.05	9.74	9.35	8.96	12.04	12.31	12.71
470	2.47	2.99	3.53	9.00	8.61	8.20	12.33	12.96	13.82
495	3.94	4.86	5.87	6.49	6.02	5.54	13.49	14.75	15.55
520	8.37	10.06	11.90	3.13	2.95	2.78	7.23	7.15	6.88
535	13.33	15.40	17.61	1.93	1.96	1.97	4.44	4.55	4.55
545	17.48	19.74	22.15	1.50	1.61	1.67	3.41	3.60	3.71
560	24.86	27.43	30.17	1.17	1.31	1.42	2.55	2.79	2.96
580	37.88	40.10	41.33	0.97	1.12	1.23	1.99	2.25	2.44
600	42.82	42.31	42.23	0.86	1.01	1.12	1.70	1.95	2.15
640	48.40	48.87	48.59	0.73	0.87	0.98	1.39	1.63	1.83
755	37.42	37.71	37.93	0.53	0.66	0.76	0.96	1.15	1.32
975	61.57	61.06	59.45	0.35	0.46	0.56	0.49	0.62	0.73
1100	46.72	46.62	46.48	0.28	0.39	0.49	0.37	0.48	0.57
1235	44.29	44.49	44.70	0.25	0.36	0.46	0.28	0.37	0.45
1500	47.98	48.50	48.97	0.18	0.29	0.39	0.20	0.29	0.35
1880	67.81	67.48	65.94	0.16	0.27	0.37	0.15	0.23	0.29
2000	61.46	62.06	61.19	0.16	0.26	0.36	0.14	0.22	0.28
2500	52.17	53.58	54.51	0.19	0.28	0.37	0.11	0.19	0.25
3000	50.38	48.03	46.26	0.18	0.30	0.39	0.08	0.20	0.28
3500	40.75	40.54	40.55	0.16	0.29	0.40	0.03	0.15	0.26
4080	23.51	25.89	27.39	0.53	0.52	0.60	0.56	0.43	0.47
4500	29.46	29.60	29.73	0.26	0.41	0.58	0.12	0.25	0.42
5000	27.81	27.88	28.32	0.32	0.48	0.68	0.20	0.35	0.52
5300	25.11	25.47	25.61	0.42	0.56	0.80	0.21	0.36	0.54
6000	24.74	24.68	24.49	0.48	0.69	0.89	0.27	0.46	0.65
6500	22.88	22.98	22.93	0.50	0.70	0.91	0.27	0.42	0.60
7000	20.17	20.97	21.46	0.70	0.79	1.02	0.35	0.48	0.66
7500	20.69	20.65	20.54	0.70	0.87	1.09	0.33	0.52	0.68
8000	18.94	19.58	19.90	0.89	1.03	1.10	0.41	0.56	0.71
8500	17.68	18.01	18.62	0.96	1.14	1.34	0.35	0.51	0.66
9000	16.41	16.72	16.90	1.01	1.33	1.57	0.29	0.54	0.72
9500	15.62	15.77	15.75	0.65	1.03	1.38	0.32	0.60	0.86
10000	14.83	14.92	14.89	0.92	1.36	1.79	0.50	0.87	1.25
12000	25.09	24.18	23.88	3.37	3.78	3.92	3.69	3.77	3.97
14000	8.13	9.05	8.88	7.76	7.44	7.39	4.58	4.19	4.51
16000	12.52	13.76	14.23	4.40	5.40	6.98	2.89	3.45	3.81

REV. X1  
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