

# Ceramic Low Pass Filter

# LFCN-225+

## 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	0.06	0.09	0.01	41.24	40.09	39.13	41.11	40.09	39.30
20	0.15	0.18	0.22	28.90	27.66	26.81	28.33	27.30	26.53
50	0.22	0.26	0.30	30.44	28.34	27.05	28.81	27.42	26.39
100	0.32	0.36	0.41	28.73	28.57	28.33	25.50	25.44	25.23
150	0.42	0.47	0.53	27.15	30.83	33.81	23.41	24.45	24.90
200	0.53	0.60	0.69	27.90	33.23	39.22	23.65	24.65	25.10
225	0.60	0.69	0.79	28.96	32.44	37.27	24.41	24.99	25.44
240	0.65	0.76	0.86	29.20	30.89	33.67	24.89	25.11	25.49
275	0.81	0.94	1.08	26.43	25.23	24.71	24.45	23.60	23.12
350	1.79	2.11	2.45	12.81	12.10	11.34	14.64	14.32	13.86
370	2.56	3.00	3.47	9.60	9.15	8.64	12.82	13.03	13.20
390	4.10	4.78	5.50	6.51	6.21	5.90	11.45	12.06	12.83
412	8.15	9.34	10.58	3.39	3.31	3.22	7.92	8.18	8.35
425	12.60	14.11	15.64	2.19	2.24	2.28	5.57	5.75	5.84
435	17.16	18.86	20.57	1.65	1.77	1.86	4.29	4.48	4.60
450	25.92	27.79	29.56	1.24	1.39	1.51	3.13	3.33	3.48
460	33.09	34.45	35.34	1.09	1.24	1.37	2.67	2.87	3.04
495	37.94	38.38	38.90	0.84	0.97	1.09	1.87	2.06	2.24
510	40.79	41.66	42.51	0.77	0.90	1.02	1.69	1.88	2.06
530	48.08	48.01	47.31	0.70	0.82	0.93	1.52	1.70	1.88
610	38.06	38.03	38.00	0.52	0.63	0.72	1.12	1.27	1.42
700	40.74	41.10	41.49	0.40	0.49	0.58	0.82	0.94	1.06
760	46.55	47.24	47.99	0.36	0.44	0.53	0.68	0.78	0.88
820	59.65	61.06	61.66	0.31	0.39	0.48	0.56	0.65	0.73
900	51.61	51.04	50.55	0.27	0.35	0.43	0.44	0.52	0.59
1050	46.67	46.59	46.67	0.21	0.29	0.37	0.30	0.37	0.42
1400	54.88	55.18	55.61	0.16	0.24	0.33	0.18	0.23	0.27
1600	72.03	72.02	71.96	0.13	0.21	0.30	0.16	0.21	0.24
2500	51.94	51.22	50.98	0.16	0.24	0.30	0.13	0.18	0.22
2660	49.62	49.18	49.07	0.16	0.24	0.30	0.11	0.17	0.21
3220	39.50	39.48	39.26	0.20	0.29	0.37	0.11	0.18	0.25
4430	30.45	30.77	30.26	0.88	1.50	2.48	0.10	0.25	0.41
5500	23.99	24.20	24.16	0.45	0.62	0.85	0.24	0.40	0.57
6500	20.03	19.84	19.86	0.93	1.10	1.36	0.43	0.52	0.68
7200	18.22	18.62	19.02	1.85	2.30	2.89	0.49	0.54	0.65
7600	25.52	25.79	24.58	15.51	11.91	8.52	0.41	0.51	0.58
8920	13.72	13.56	14.04	1.84	2.64	3.27	2.00	2.22	2.59
11000	11.26	12.11	12.72	3.43	4.10	5.30	1.37	1.57	2.00
12840	10.15	9.41	9.39	1.58	2.29	2.98	2.10	2.73	3.15
13200	7.53	6.82	6.83	2.68	4.07	5.48	3.38	4.42	5.14
14000	4.39	4.64	5.27	16.80	17.93	16.75	6.61	7.43	7.66

