

# Ceramic Low Pass Filter

# LFCN-1000+

## 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
10	0.04	0.05	0.06	47.23	46.06	45.50	47.00	46.06	45.23
50	0.08	0.09	0.11	36.40	34.75	33.62	35.79	34.32	33.39
100	0.10	0.12	0.15	39.22	37.47	36.30	37.96	36.41	35.15
200	0.13	0.16	0.20	39.79	40.72	40.04	34.37	34.43	34.04
400	0.18	0.24	0.30	47.29	41.27	35.11	30.10	29.17	28.39
600	0.26	0.34	0.42	32.76	31.94	30.41	26.98	26.53	25.92
800	0.38	0.48	0.59	31.01	30.74	30.95	29.17	28.77	28.38
1000	0.59	0.74	0.91	33.96	30.93	28.70	35.32	32.31	29.44
1030	0.64	0.81	0.99	29.91	27.55	25.62	30.10	28.10	26.11
1100	0.82	1.04	1.27	21.92	20.75	19.59	22.52	21.64	20.67
1285	2.88	3.48	4.18	7.14	6.87	6.60	9.27	9.74	10.44
1300	3.33	4.02	4.83	6.23	5.99	5.73	8.49	9.05	9.80
1340	5.04	6.02	7.24	4.13	3.96	3.76	6.83	7.56	8.26
1400	9.26	11.01	13.07	2.06	2.01	1.99	5.47	5.99	6.12
1440	13.37	15.60	17.96	1.33	1.38	1.46	4.74	4.85	4.79
1485	18.72	20.99	23.12	0.90	1.03	1.15	3.59	3.57	3.57
1550	25.47	26.95	28.16	0.65	0.80	0.95	2.24	2.33	2.45
1630	30.27	31.00	31.68	0.52	0.67	0.83	1.38	1.52	1.68
1825	40.67	41.80	43.16	0.35	0.51	0.65	0.63	0.76	0.89
1900	49.34	51.49	53.11	0.32	0.47	0.62	0.52	0.65	0.76
2300	39.21	39.17	39.31	0.22	0.36	0.49	0.25	0.35	0.43
2830	46.81	47.53	48.40	0.20	0.34	0.48	0.18	0.26	0.34
3410	42.12	41.33	42.21	0.20	0.35	0.52	0.16	0.27	0.34
4200	35.42	37.21	34.89	0.22	0.38	0.53	0.17	0.28	0.42
5000	32.32	30.92	31.23	0.26	0.48	0.64	0.22	0.39	0.54
5200	29.85	29.72	28.41	0.34	0.50	0.78	0.27	0.39	0.60
5500	23.48	21.93	20.79	0.37	0.64	0.96	0.43	0.66	0.98
5620	19.58	18.00	16.12	0.52	0.82	1.30	0.69	1.07	1.78
5930	9.57	11.95	13.86	1.55	1.24	1.41	4.15	2.47	1.97
6550	20.68	21.32	21.25	0.60	0.74	1.14	0.48	0.62	0.89
7000	22.98	22.73	21.85	0.60	0.82	1.04	1.56	3.51	3.34
8000	19.50	19.83	19.93	0.56	0.82	1.07	0.41	0.57	0.71
9000	19.18	19.01	19.42	0.57	0.83	1.23	0.36	0.55	0.68
9730	17.69	17.88	18.47	0.78	1.29	1.69	0.48	0.84	1.21
10100	23.77	23.92	23.83	1.26	1.90	3.18	0.61	0.87	1.20
10450	20.43	20.59	21.47	2.89	2.62	2.96	0.73	1.18	1.71
11000	27.01	30.84	36.70	11.45	9.10	5.86	2.30	3.14	4.44
11140	32.17	33.25	30.08	6.33	4.20	3.58	3.24	4.31	5.79
11280	29.25	26.71	24.61	2.74	2.51	2.75	3.95	4.79	5.91
11700	19.52	19.29	19.28	1.04	1.58	2.38	3.20	3.48	3.59
12000	18.09	18.31	18.38	1.00	1.71	2.59	2.29	2.58	2.91

