

# Ceramic Low Pass Filter

# LFCN-3000

## Typical Performance Data

FREQ. (MHz)	INSERTION LOSS (dB)			INPUT RETURN LOSS (dB)			OUTPUT RETURN LOSS (dB)		
	@ -55° C	@ +25° C	@ +100° C	@ -55° C	@ +25° C	@ +100° C	@ -55° C	@ +25° C	@ +100° C
50	0.06	0.08	0.08	44.91	39.24	35.43	47.95	39.64	35.50
100	0.08	0.09	0.10	39.89	39.89	37.06	41.82	39.92	35.56
500	0.14	0.19	0.23	32.16	30.19	26.92	33.09	30.40	26.96
1000	0.22	0.29	0.34	23.54	22.83	23.16	23.35	22.74	22.88
2000	0.40	0.52	0.61	17.17	17.15	17.02	17.41	17.38	17.28
2500	0.48	0.59	0.70	18.17	19.12	19.50	18.35	19.28	19.61
3000	0.59	0.75	0.90	45.90	42.95	34.73	32.00	30.29	29.08
3240	0.82	1.03	1.23	18.62	17.30	16.43	18.55	17.47	16.76
3580	2.40	2.80	3.21	6.49	6.26	6.07	6.74	6.53	6.29
3600	2.61	3.02	3.45	6.04	5.85	5.67	6.27	6.09	5.87
3720	4.22	4.71	5.23	3.79	3.73	3.67	3.99	3.96	3.86
3940	8.70	9.37	10.08	1.59	1.69	1.76	1.84	1.92	1.96
4120	13.43	14.22	15.04	0.92	1.06	1.17	1.19	1.31	1.41
4280	18.10	19.05	20.03	0.67	0.83	0.95	0.97	1.12	1.25
4350	20.32	21.34	22.38	0.61	0.78	0.90	0.91	1.08	1.22
4410	22.39	23.47	24.53	0.56	0.74	0.86	0.88	1.05	1.20
4530	26.71	27.89	29.10	0.51	0.68	0.81	0.81	1.01	1.20
4550	27.46	28.69	29.93	0.50	0.68	0.81	0.81	1.02	1.21
4710	34.65	36.06	37.62	0.45	0.64	0.76	0.82	1.04	1.24
4780	38.39	39.94	41.67	0.45	0.63	0.76	0.83	1.05	1.26
4910	46.47	48.33	49.33	0.43	0.61	0.73	0.82	1.04	1.27
5020	49.48	48.81	48.39	0.43	0.60	0.72	0.82	1.05	1.28
5450	49.91	50.91	52.11	0.43	0.60	0.72	0.84	1.05	1.23
5900	40.80	40.51	40.51	0.47	0.67	0.82	0.76	0.96	1.08
6410	34.48	34.53	34.08	0.50	0.72	0.96	0.70	0.87	1.01
7000	30.49	30.71	30.30	0.58	0.81	1.07	0.64	0.86	1.06
7500	27.71	27.66	27.72	0.68	0.87	1.07	0.61	0.87	1.11
8000	24.15	24.83	24.69	0.77	0.89	1.06	0.72	0.96	1.24
8500	21.72	22.38	23.15	0.86	0.95	1.05	0.87	1.04	1.27
9000	21.94	21.82	21.90	0.65	0.93	1.10	0.82	1.03	1.26
9500	20.33	19.94	19.78	0.66	1.01	1.22	1.04	1.22	1.36
10000	18.27	18.32	18.23	0.66	1.02	1.26	1.03	1.24	1.30
10500	17.51	17.58	17.26	0.84	1.07	1.32	1.00	1.17	1.24
11000	16.87	17.04	16.95	0.86	1.07	1.26	0.89	1.13	1.21
11500	15.68	16.24	16.32	1.06	1.17	1.27	0.91	1.10	1.21
12000	16.02	16.12	16.35	0.92	1.17	1.39	0.81	1.05	1.21
13000	14.31	13.86	13.71	0.64	1.10	1.54	0.86	1.10	1.33
14000	11.86	12.42	12.57	0.95	1.26	1.76	1.14	1.39	1.68
16000	10.01	10.68	11.39	4.31	4.79	5.42	2.77	2.99	3.29
18000	16.99	18.21	19.77	4.26	4.69	4.96	2.46	2.99	3.24
20000	25.06	25.33	25.98	3.66	4.06	3.99	1.28	1.70	2.19

