

Ceramic Low Pass Filter

LFCN-3800

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
40	0.04	0.06	0.06	41.30	36.61	34.18	41.12	36.61	34.10
50	0.02	0.04	0.04	38.54	33.76	31.36	38.69	33.53	31.10
250	0.05	0.08	0.09	28.34	33.90	36.99	28.05	34.30	40.99
500	0.06	0.09	0.11	30.23	31.43	34.14	30.47	31.65	38.23
1000	0.08	0.14	0.18	28.95	29.46	29.79	30.20	30.38	31.33
1500	0.12	0.20	0.24	28.42	28.73	28.66	29.88	30.73	29.31
2000	0.13	0.22	0.27	30.49	30.95	31.27	30.39	33.54	33.32
2500	0.16	0.25	0.33	30.24	30.38	29.40	32.48	34.75	36.12
3000	0.20	0.32	0.41	27.36	26.43	24.42	28.94	28.18	26.36
3800	0.34	0.49	0.60	20.36	19.95	20.31	20.66	20.63	21.06
4430	0.65	0.85	1.04	19.47	19.48	19.35	18.81	19.15	18.64
4700	1.77	2.15	2.46	8.35	7.97	7.99	8.32	8.15	8.12
4780	2.48	2.97	3.35	6.31	5.94	5.97	6.34	6.14	6.15
4920	4.42	5.14	5.67	3.72	3.50	3.53	3.71	3.64	3.70
5140	9.32	10.33	11.15	1.63	1.65	1.73	1.63	1.74	1.86
5300	14.29	15.47	16.50	0.94	1.06	1.18	0.98	1.15	1.29
5430	19.40	20.78	22.03	0.65	0.82	0.96	0.76	0.93	1.06
5530	24.66	26.37	27.99	0.56	0.74	0.86	0.67	0.84	0.95
5610	30.59	32.98	35.24	0.48	0.67	0.79	0.62	0.79	0.90
5660	36.35	39.34	40.75	0.49	0.68	0.79	0.57	0.75	0.86
5820	33.07	31.99	31.33	0.42	0.60	0.71	0.52	0.69	0.80
6000	27.43	27.28	27.25	0.33	0.53	0.65	0.50	0.66	0.76
6020	27.11	26.95	26.94	0.31	0.51	0.62	0.53	0.68	0.77
6360	25.34	25.79	26.00	0.29	0.46	0.57	0.48	0.63	0.74
6870	28.04	28.94	29.40	0.23	0.39	0.51	0.39	0.60	0.76
7270	32.19	33.34	34.42	0.25	0.42	0.56	0.38	0.65	0.84
7580	37.09	37.23	38.17	0.22	0.44	0.61	0.40	0.65	0.88
8290	29.31	29.03	29.31	0.31	0.60	0.81	0.59	0.83	1.08
8800	25.38	25.22	25.15	0.45	0.69	0.93	0.76	1.02	1.29
9080	23.83	24.17	24.09	0.47	0.74	1.02	0.86	1.07	1.36
10000	20.06	21.14	20.92	0.66	0.83	1.02	1.38	1.52	1.79
11000	20.79	21.87	22.62	0.77	0.98	1.06	1.99	2.45	2.73
12000	23.61	23.71	23.22	0.79	1.02	1.09	1.40	1.61	1.89
13000	18.17	18.24	17.88	0.78	0.96	1.31	1.21	1.47	1.75
14000	15.49	15.36	15.11	1.14	1.36	1.91	1.69	1.94	2.47
15000	15.92	15.50	16.50	1.67	2.04	2.27	2.42	2.67	2.93
16000	16.93	16.13	16.62	1.35	2.38	2.89	2.40	2.39	2.41
17000	17.19	17.03	17.23	1.94	2.17	3.10	1.76	2.11	2.10
18000	17.68	17.94	18.92	2.74	2.15	1.83	1.25	2.01	2.71
19000	16.89	13.32	12.19	2.04	4.97	5.79	5.48	5.19	5.24
20000	9.95	9.65	9.44	1.73	2.09	2.58	2.26	3.27	3.91

REV. X1
LFCN-3800
071010
Page 1 of 1



IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS9100 CERTIFIED • RoHS compliant

P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661



The Design Engineers Search Engine finds the model you need, Instantly • For detailed performance specs & shopping online see

