

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+
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Page 1 of 1



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