

Ceramic Low Pass Filter

LFCN-6000

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
50	0.04	0.05	0.06	41.50	38.70	37.09	41.26	38.52	36.95
100	0.04	0.05	0.07	42.05	39.17	37.06	42.06	38.91	36.80
200	0.05	0.07	0.10	36.92	36.82	37.08	36.95	37.01	37.42
500	0.07	0.11	0.14	31.30	32.06	33.93	31.95	33.02	35.49
1000	0.10	0.15	0.20	27.77	29.02	30.81	28.66	30.50	32.96
2000	0.13	0.22	0.30	34.18	35.55	35.15	38.05	42.30	45.89
3000	0.18	0.31	0.44	24.63	23.90	23.75	24.41	23.34	22.57
4000	0.29	0.45	0.61	17.12	16.97	17.06	16.84	16.67	16.60
5000	0.41	0.61	0.80	15.27	15.27	15.03	15.11	15.23	15.20
5500	0.47	0.68	0.90	15.85	16.25	16.34	16.15	16.71	17.09
5830	0.55	0.77	1.03	17.17	17.85	18.09	18.80	20.03	21.50
6000	0.66	0.91	1.17	17.86	17.90	17.68	22.10	23.20	23.86
6130	0.69	0.96	1.29	17.55	17.25	16.25	23.47	22.85	22.31
6800	2.23	2.89	3.62	6.81	6.28	5.81	7.67	7.11	6.79
7090	4.33	5.13	6.03	3.68	3.50	3.34	4.20	3.93	3.79
7300	6.39	7.47	8.56	2.25	2.25	2.25	2.59	2.49	2.47
7500	9.01	10.25	11.48	1.40	1.54	1.66	1.67	1.69	1.74
7700	11.97	13.39	14.78	0.93	1.15	1.36	1.12	1.21	1.27
7810	13.78	15.27	16.76	0.78	1.01	1.25	0.91	1.03	1.13
7900	15.27	16.87	18.42	0.70	0.94	1.21	0.79	0.95	1.05
8070	18.36	20.09	21.77	0.57	0.87	1.20	0.64	0.83	0.95
8300	22.83	24.87	26.67	0.53	0.83	1.18	0.49	0.72	0.87
8400	24.85	27.00	28.77	0.53	0.86	1.22	0.48	0.72	0.89
8500	27.16	29.50	31.25	0.52	0.83	1.22	0.47	0.71	0.90
8700	31.10	34.12	34.39	0.55	0.86	1.24	0.40	0.68	0.92
8950	33.87	34.74	34.56	0.64	0.93	1.29	0.42	0.72	0.99
9400	31.82	31.25	31.45	0.67	1.03	1.30	0.47	0.81	1.13
9720	28.68	29.67	29.80	0.70	1.01	1.25	0.49	0.81	1.13
10400	24.88	25.91	26.24	0.74	1.05	1.23	0.51	0.83	1.14
10500	26.22	26.02	25.47	0.67	1.08	1.32	0.46	0.78	1.09
11000	22.95	23.96	23.44	0.75	1.08	1.29	0.63	0.89	1.15
12000	21.57	21.76	21.37	0.84	1.08	1.33	0.70	0.97	1.29
12320	20.19	20.98	21.19	0.90	1.08	1.32	0.85	1.08	1.34
13800	19.57	19.35	20.28	1.20	1.85	2.71	1.19	1.54	1.85
14500	20.83	19.86	20.44	3.26	10.34	6.91	1.58	2.02	2.22
15800	18.67	17.66	19.13	1.61	2.07	2.48	1.62	2.09	2.14
16400	18.60	17.80	19.55	1.79	2.20	2.52	1.55	2.11	2.11
17000	18.33	18.49	20.42	1.94	2.53	2.76	1.42	1.89	2.03
18000	20.96	20.65	23.65	1.95	2.58	2.60	0.98	1.51	1.76
19000	27.59	28.47	28.76	1.51	1.74	1.93	0.57	1.03	1.43
20000	28.43	27.71	28.25	0.79	1.55	2.54	0.20	0.64	1.11

REV. X1
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080722
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