

Ceramic Low Pass Filter

LFCN-2500

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	38.66	36.61	35.50	39.34	37.48	36.01
100	0.07	0.08	0.11	38.82	36.80	35.66	38.89	36.83	35.56
200	0.10	0.12	0.15	34.97	35.46	36.08	35.19	35.74	36.43
300	0.11	0.14	0.16	32.81	34.45	36.47	32.84	34.52	36.99
400	0.12	0.15	0.19	32.65	33.97	36.30	32.89	34.07	36.26
500	0.15	0.18	0.21	32.94	34.08	36.19	33.26	34.06	35.50
600	0.14	0.19	0.24	33.11	34.50	36.97	33.12	33.83	34.91
700	0.16	0.21	0.26	32.80	34.85	37.58	33.14	34.42	35.91
800	0.17	0.23	0.27	33.76	37.00	41.17	32.60	34.00	34.93
900	0.17	0.25	0.30	35.95	40.87	50.14	33.67	34.29	34.00
1000	0.18	0.26	0.32	40.50	48.31	46.84	35.22	34.38	32.96
1200	0.22	0.30	0.37	34.14	33.51	33.43	31.35	30.24	29.47
1300	0.23	0.32	0.40	30.16	29.74	29.79	28.89	28.01	27.37
1500	0.28	0.37	0.46	25.53	24.96	25.14	25.18	24.35	24.01
2000	0.42	0.54	0.65	18.48	18.79	19.11	18.58	18.77	18.89
2500	0.61	0.78	0.95	18.37	18.59	18.91	17.23	17.40	17.77
2530	0.63	0.80	0.96	18.46	18.63	18.91	17.11	17.29	17.60
3000	2.33	2.78	3.26	6.98	6.77	6.52	6.73	6.53	6.31
3500	15.63	16.67	17.75	0.94	1.09	1.25	1.19	1.39	1.55
3660	22.24	23.42	24.64	0.73	0.89	1.03	1.03	1.25	1.45
3760	26.79	28.04	29.33	0.60	0.76	0.90	1.01	1.24	1.44
4000	37.32	38.07	38.76	0.53	0.69	0.82	1.05	1.32	1.58
4500	35.25	35.21	35.18	0.46	0.63	0.76	1.08	1.36	1.64
5000	33.25	33.54	34.08	0.41	0.63	0.81	0.74	0.96	1.13
5500	36.18	36.41	36.70	0.45	0.63	0.85	0.52	0.71	0.86
6000	30.28	31.21	32.18	0.60	0.72	0.88	0.51	0.68	0.83
6500	27.39	27.42	28.40	0.56	0.71	0.88	0.46	0.66	0.84
7000	25.45	26.42	27.08	0.52	0.68	0.90	0.42	0.62	0.89
7500	24.28	23.81	24.85	0.61	0.72	0.90	0.53	0.74	1.02
8000	22.54	22.47	23.37	0.68	0.76	0.95	0.47	0.69	1.01
8500	20.42	21.29	21.79	0.72	0.81	0.99	0.61	0.78	1.13
9000	20.00	20.60	20.65	0.69	0.82	1.03	0.74	0.87	1.29
9500	19.35	19.61	18.89	0.55	0.78	1.10	0.77	1.00	1.35
10000	18.19	18.05	17.03	0.62	0.86	1.20	0.82	1.10	1.36
10500	16.87	17.16	16.36	0.64	0.85	1.15	0.83	1.05	1.19
11000	15.83	16.05	15.78	0.58	0.81	1.07	0.82	1.01	1.13
11500	14.66	15.04	15.01	0.70	0.96	1.26	0.75	0.96	1.10
12000	13.73	13.96	13.97	0.68	0.99	1.40	0.72	1.01	1.24
12500	12.93	12.85	12.77	0.76	1.24	1.79	0.79	1.16	1.44
13000	11.84	11.79	11.97	1.00	1.51	2.10	0.92	1.31	1.69
13500	10.74	11.15	11.73	1.67	2.19	2.69	1.12	1.53	2.04
14000	10.30	11.63	13.87	4.47	6.38	8.77	1.61	2.00	2.45
14500	19.30	19.65	21.06	2.67	2.70	2.96	1.48	2.01	2.65
15000	28.64	32.48	23.04	4.54	5.42	4.78	3.51	5.68	9.57
15500	13.60	14.11	15.17	2.50	3.01	3.53	4.04	3.71	3.77
16000	15.66	15.88	16.91	2.44	3.26	4.16	2.36	2.89	3.51
16500	16.06	16.30	18.44	2.33	2.83	3.45	2.58	3.07	3.41
17000	16.95	17.85	20.37	2.31	2.62	3.25	2.71	3.06	3.30
17500	21.07	22.06	24.04	2.81	3.82	4.84	2.35	2.80	3.20
18000	20.53	18.84	17.42	7.33	10.68	14.76	2.01	2.53	3.13
18500	12.79	13.45	14.72	8.60	7.47	8.31	2.00	2.61	3.42
19000	13.52	14.00	14.77	4.14	4.76	5.89	2.35	3.50	4.98
19500	11.39	12.98	15.48	4.79	4.71	4.33	7.44	8.67	8.29
20000	16.84	18.67	20.09	2.65	2.39	2.44	5.04	4.91	5.14

REV. X2

LFCN-2500

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Page 1 of 1



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