

Ceramic Low Pass Filter

LFCN-180+

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
40	0.25	0.30	0.33	31.50	30.27	28.62	32.24	30.86	29.29
50	0.24	0.29	0.33	30.49	29.51	28.04	31.30	30.39	28.90
60	0.27	0.32	0.36	29.73	28.94	27.63	30.76	30.11	28.76
80	0.33	0.38	0.42	28.64	27.92	26.89	30.38	29.73	28.72
100	0.39	0.45	0.49	27.94	27.14	26.32	30.83	29.84	28.99
120	0.45	0.52	0.57	27.38	26.54	25.90	32.17	30.50	29.70
140	0.53	0.60	0.66	26.47	25.89	25.57	32.31	30.87	30.45
150	0.57	0.65	0.71	25.78	25.47	25.40	30.96	30.29	30.41
160	0.61	0.70	0.77	24.97	24.95	25.19	29.08	29.10	29.80
170	0.66	0.76	0.83	24.05	24.27	24.81	27.08	27.45	28.51
180	0.72	0.82	0.90	23.02	23.34	24.10	25.15	25.58	26.66
200	0.87	0.98	1.07	20.53	20.75	21.42	21.70	21.88	22.53
235	1.35	1.50	1.62	14.48	14.49	14.55	16.23	16.28	16.30
250	1.78	1.94	2.07	11.51	11.64	11.66	13.81	14.15	14.20
270	2.86	2.98	3.12	7.67	8.01	8.11	10.41	11.25	11.65
290	5.14	5.11	5.20	4.44	4.87	5.07	7.16	8.17	8.93
310	9.44	9.16	9.13	2.40	2.74	2.94	4.76	5.52	6.18
325	14.17	13.67	13.55	1.63	1.89	2.05	3.68	4.21	4.68
340	19.98	19.26	19.05	1.27	1.48	1.61	3.04	3.44	3.77
350	24.27	23.44	23.18	1.15	1.34	1.46	2.78	3.14	3.42
370	32.88	32.13	31.92	1.01	1.18	1.30	2.46	2.82	3.07
500	38.14	37.94	37.86	0.74	0.87	0.98	1.51	1.75	1.97
525	40.68	40.29	40.09	0.70	0.81	0.93	1.30	1.51	1.70
560	46.53	45.47	45.14	0.66	0.77	0.88	1.07	1.24	1.38
580	51.82	50.21	49.42	0.61	0.73	0.82	0.95	1.10	1.23
610	59.30	59.40	58.11	0.58	0.69	0.80	0.80	0.94	1.05
660	49.61	50.27	50.56	0.51	0.62	0.70	0.63	0.74	0.83
900	61.37	58.26	56.67	0.30	0.37	0.44	0.32	0.38	0.41
950	63.11	66.70	66.78	0.29	0.36	0.42	0.31	0.35	0.39
1500	44.74	45.11	45.35	0.18	0.22	0.26	0.30	0.33	0.36
2350	40.05	42.54	43.81	0.47	0.43	0.41	0.25	0.29	0.35
3150	27.99	27.24	27.59	0.37	0.46	0.55	1.44	1.28	1.39
5000	24.17	24.39	24.35	0.80	1.00	1.24	0.33	0.45	0.62
6400	19.23	19.54	19.68	0.41	0.58	0.76	0.67	0.67	0.74
7000	18.24	18.24	18.34	0.44	0.68	0.93	1.30	1.23	1.26
8500	26.55	28.02	29.51	2.08	2.20	2.00	2.15	2.15	2.44
10000	21.03	18.94	16.59	2.07	2.52	2.60	1.51	1.78	2.03
11000	12.67	11.44	11.66	4.99	4.88	4.23	4.07	4.30	4.29
13000	22.41	19.94	18.28	3.24	3.91	5.05	3.66	4.33	4.93
15000	12.07	11.25	11.48	1.40	1.91	2.15	6.00	4.50	4.25
16000	20.47	29.23	31.69	2.66	2.79	3.29	10.83	13.31	14.90
18000	14.46	12.51	10.28	3.93	3.89	4.02	4.75	6.50	8.54

REV. X1
LFCN-180+
071008
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

