

# Ceramic Low Pass Filter

# LFCN-7200+

## 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	0.05	0.05	0.07	46.48	41.79	37.79	47.83	40.10	36.21
50	0.02	0.03	0.04	50.47	42.51	37.23	49.83	41.60	36.78
100	0.02	0.04	0.05	42.79	45.52	39.06	42.28	43.94	37.82
200	0.03	0.05	0.06	44.10	42.13	41.74	41.45	42.05	39.99
400	0.05	0.09	0.10	38.82	36.36	29.49	53.07	36.64	29.20
500	0.06	0.10	0.12	34.89	34.07	29.49	37.86	34.78	29.21
600	0.07	0.10	0.12	32.70	32.22	29.56	33.98	32.96	29.31
700	0.08	0.12	0.14	31.21	30.68	28.67	32.57	31.50	28.68
800	0.08	0.13	0.15	29.73	29.11	27.31	31.26	30.11	27.75
1000	0.09	0.15	0.17	27.31	26.64	26.04	28.05	27.12	26.47
1500	0.14	0.21	0.24	22.72	22.14	22.12	23.01	22.48	22.82
2000	0.19	0.26	0.30	18.46	18.47	18.34	18.64	18.71	18.71
2500	0.27	0.35	0.39	15.52	15.84	16.28	15.53	15.90	16.38
3000	0.33	0.44	0.48	14.12	14.19	14.89	14.17	14.23	14.93
3500	0.41	0.52	0.60	13.18	13.23	13.24	13.17	13.24	13.24
4000	0.39	0.54	0.68	13.39	12.99	12.38	13.43	13.06	12.43
4500	0.39	0.55	0.67	13.80	13.56	13.14	13.91	13.65	13.18
5000	0.40	0.53	0.64	14.82	15.33	15.26	14.99	15.44	15.21
5500	0.40	0.56	0.67	18.62	19.00	19.57	18.71	19.03	19.37
6000	0.50	0.67	0.80	23.14	26.06	30.77	23.01	25.42	27.84
6500	0.73	0.92	1.06	25.23	28.19	28.62	30.47	25.69	22.20
7000	0.96	1.15	1.31	18.37	20.52	22.28	17.69	18.51	17.76
7200	1.09	1.27	1.41	16.25	18.49	20.30	15.11	16.32	16.45
7500	1.29	1.51	1.68	14.21	15.40	16.67	13.06	13.93	14.56
7600	1.36	1.61	1.78	13.76	14.54	15.53	12.73	13.39	14.19
7800	1.60	1.93	2.14	12.06	11.84	12.23	12.34	12.63	13.68
7900	1.84	2.24	2.50	10.62	10.23	10.27	11.79	12.16	13.01
8000	2.32	2.81	3.18	8.63	8.24	8.00	10.36	10.85	11.26
8150	3.62	4.40	5.09	5.52	5.08	4.69	7.62	7.66	7.38
8200	4.34	5.31	6.16	4.60	4.17	3.82	6.61	6.48	6.14
8400	9.12	10.97	12.40	1.97	1.81	1.67	3.30	3.11	2.99
8500	12.74	14.91	16.60	1.32	1.28	1.22	2.28	2.25	2.24
8850	33.71	37.24	39.51	0.62	0.78	0.81	0.97	1.20	1.37
9000	37.97	36.18	35.34	0.54	0.73	0.79	0.84	1.12	1.31
9500	30.45	30.20	30.42	0.45	0.72	0.92	0.78	1.05	1.29
9600	29.83	29.55	30.01	0.46	0.75	1.01	0.77	1.03	1.29
10000	28.63	28.46	27.91	0.53	0.81	1.13	0.83	1.06	1.29
10500	25.87	26.05	25.92	0.69	0.89	1.20	0.81	1.02	1.14
11000	23.12	23.61	23.80	0.89	1.01	1.23	0.84	1.03	1.13
11500	21.60	22.17	22.59	0.98	1.09	1.15	0.86	1.06	1.14
12000	20.72	20.98	21.44	0.96	1.11	1.14	0.89	1.06	1.14
12300	20.23	20.54	21.04	0.90	1.15	1.15	0.85	1.08	1.15
12500	19.93	19.83	20.24	0.88	1.17	1.18	0.82	1.05	1.15
13000	19.67	19.14	19.14	0.91	1.32	1.40	0.82	1.16	1.29
14000	18.47	17.76	16.94	1.31	1.77	2.25	1.11	1.39	1.62
14500	17.65	17.67	16.84	1.60	1.88	2.52	1.26	1.46	1.71
15000	16.87	17.31	16.84	2.19	2.12	2.47	1.43	1.74	1.94
16000	15.95	17.00	17.68	2.79	2.21	1.84	1.74	2.13	2.55
16500	16.35	17.54	18.91	2.10	2.10	1.59	2.10	2.24	2.23
17500	20.15	18.96	19.80	1.00	1.67	1.62	1.47	2.14	2.32
18000	19.71	18.32	18.21	0.75	1.47	1.70	1.47	1.76	2.15
18500	18.97	18.02	17.05	0.66	1.25	1.90	1.41	1.54	1.60
19000	16.27	15.78	14.79	0.72	1.14	2.14	1.00	1.23	1.21
19500	13.46	13.68	12.93	1.12	1.25	2.03	0.87	1.46	1.72
20000	11.51	13.21	13.84	2.12	1.70	1.69	1.57	2.00	2.63

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