

Ceramic Low Pass Filter

LFCN-7200D+

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

REV. X1

LFCN-7200D+

080722

Page 1 of 1



The Design Engineers Search Engine finds the model you need, Instantly • For detailed performance specs & shopping online see

Mini-Circuits®

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

minicircuits.com