

Ceramic Low Pass Filter

LFCN-1200+

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	0.06	0.09	0.09	38.85	36.89	35.35	38.14	36.67	35.26
100	0.08	0.11	0.11	43.24	41.39	39.61	41.56	40.08	38.79
200	0.11	0.15	0.16	42.28	39.35	36.99	36.44	35.45	34.48
400	0.15	0.21	0.24	33.10	31.70	29.51	28.83	28.02	27.02
600	0.21	0.28	0.33	27.80	27.16	26.42	24.78	24.22	23.69
800	0.28	0.37	0.44	25.53	25.29	25.17	23.66	23.26	22.78
1000	0.38	0.49	0.58	29.57	29.78	30.85	28.19	27.92	27.48
1200	0.58	0.73	0.87	25.01	24.18	23.67	23.93	23.25	22.63
1230	0.65	0.81	0.96	21.67	21.13	20.80	20.79	20.29	19.84
1290	0.86	1.05	1.24	16.75	16.51	16.28	15.98	15.69	15.30
1470	3.03	3.56	4.16	7.37	7.38	7.38	6.11	5.87	5.57
1530	5.54	6.37	7.35	5.02	5.17	5.27	3.65	3.55	3.43
1595	10.84	12.04	13.39	3.12	3.36	3.56	1.96	2.03	2.14
1640	16.01	17.37	18.86	2.31	2.54	2.76	1.44	1.59	1.76
1685	21.75	23.13	24.59	1.81	2.02	2.23	1.21	1.39	1.59
1750	28.68	29.62	30.47	1.34	1.53	1.71	1.06	1.24	1.46
1800	30.96	31.35	31.63	1.12	1.30	1.47	1.02	1.19	1.40
1820	31.12	31.39	31.57	1.04	1.21	1.39	0.98	1.16	1.37
1865	30.99	31.12	31.23	0.93	1.09	1.27	0.93	1.11	1.31
2000	30.82	31.13	31.51	0.68	0.85	1.02	0.77	0.92	1.10
2240	39.18	40.10	41.32	0.47	0.63	0.79	0.52	0.64	0.76
2375	51.83	50.91	49.35	0.41	0.57	0.73	0.40	0.52	0.62
2600	39.00	38.83	38.59	0.36	0.51	0.66	0.33	0.42	0.51
2870	36.34	36.46	36.56	0.32	0.48	0.63	0.25	0.34	0.43
3000	36.57	36.74	36.91	0.32	0.48	0.63	0.24	0.34	0.43
3540	41.19	41.70	41.80	0.29	0.46	0.61	0.21	0.30	0.41
4000	43.74	43.11	42.83	0.27	0.43	0.57	0.17	0.29	0.43
4630	38.52	36.93	37.27	0.28	0.45	0.58	0.17	0.33	0.51
5000	33.21	34.00	34.26	0.34	0.49	0.66	0.30	0.44	0.63
5620	28.30	28.07	27.75	0.40	0.61	0.92	0.27	0.45	0.71
6020	18.98	18.01	16.98	0.62	0.95	1.39	0.55	0.79	1.15
6200	10.54	9.31	8.16	1.97	3.06	4.84	1.81	2.76	4.37
6240	8.24	7.27	7.04	3.25	4.98	6.37	3.19	4.79	6.18
6330	5.98	7.30	9.05	5.84	4.13	3.23	5.42	3.98	3.03
7000	17.21	17.31	17.64	0.79	1.01	1.27	0.50	0.69	1.00
7300	15.79	19.63	26.63	1.98	2.05	1.72	1.86	1.95	1.58
8000	20.15	20.34	20.42	0.65	0.88	1.17	0.40	0.57	0.74
9000	18.77	18.77	18.81	0.65	1.00	1.38	0.35	0.51	0.65
10000	17.66	17.88	17.93	0.68	0.93	1.18	0.27	0.52	0.80
11000	18.67	19.14	19.98	0.88	1.37	2.05	0.52	0.84	1.19
12000	17.12	17.95	19.14	2.78	3.36	4.05	1.73	2.19	2.81

REV. X1
LFCN-1200+
080722
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

