

Ceramic Low Pass Filter

LFCN-120

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
1	0.08	0.13	0.18	36.03	34.81	33.69	35.71	34.81	34.03
20	0.24	0.29	0.34	29.25	27.55	26.27	27.42	26.49	25.57
30	0.28	0.33	0.38	31.03	28.84	27.26	28.71	27.61	26.55
40	0.32	0.37	0.42	30.58	29.14	27.70	28.85	28.02	27.12
50	0.37	0.42	0.48	29.13	28.63	27.57	27.72	27.26	26.62
60	0.41	0.46	0.52	27.88	28.01	27.33	26.67	26.55	26.19
80	0.50	0.56	0.63	26.07	26.79	26.68	24.91	25.18	25.21
100	0.61	0.68	0.75	25.85	26.67	26.74	24.46	24.78	24.95
110	0.68	0.76	0.84	26.34	27.05	27.09	24.76	25.02	25.17
120	0.75	0.83	0.92	27.33	27.80	27.68	25.63	25.77	25.82
135	0.87	0.96	1.06	29.03	28.74	28.25	28.62	28.28	27.97
195	2.78	2.89	3.04	10.80	11.44	11.92	9.15	9.43	9.66
200	3.31	3.41	3.57	9.53	10.18	10.68	7.72	8.00	8.22
215	5.86	5.88	6.02	6.53	7.14	7.65	4.40	4.64	4.85
230	10.18	10.08	10.16	4.80	5.33	5.79	2.50	2.69	2.86
245	16.49	16.20	16.20	4.01	4.45	4.87	1.62	1.76	1.91
255	22.00	21.53	21.43	3.78	4.18	4.57	1.35	1.47	1.60
270	33.21	32.22	31.80	3.58	3.97	4.35	1.15	1.25	1.36
280	42.52	41.07	40.22	3.48	3.88	4.25	1.07	1.17	1.27
285	45.21	44.02	43.14	3.43	3.83	4.20	1.04	1.14	1.24
300	48.92	47.56	46.65	3.22	3.63	4.01	0.97	1.06	1.15
330	41.83	42.32	42.61	2.66	3.02	3.36	0.87	0.95	1.04
360	39.02	39.12	39.23	2.10	2.38	2.65	0.80	0.88	0.97
400	42.81	42.51	42.41	1.50	1.70	1.90	0.72	0.79	0.87
455	56.03	56.25	55.92	0.97	1.10	1.24	0.63	0.70	0.77
590	42.47	42.52	42.59	0.42	0.49	0.56	0.46	0.52	0.58
700	45.06	44.86	44.73	0.28	0.33	0.38	0.37	0.42	0.48
800	50.79	50.19	49.80	0.23	0.26	0.31	0.32	0.36	0.42
920	68.94	65.79	63.61	0.19	0.22	0.26	0.25	0.30	0.35
1100	53.64	54.38	55.02	0.18	0.22	0.26	0.22	0.25	0.30
1850	47.61	48.59	49.29	0.16	0.22	0.30	0.20	0.23	0.26
2000	44.35	44.58	44.90	0.16	0.23	0.31	0.17	0.20	0.23
3000	31.32	31.43	31.55	0.43	0.45	0.53	0.21	0.26	0.32
4000	27.14	27.36	27.47	0.16	0.28	0.46	0.36	0.42	0.51
4750	24.83	25.27	25.58	0.23	0.36	0.58	1.35	1.59	1.93
6000	21.44	21.59	21.78	0.37	0.50	0.64	0.55	0.64	0.82
7000	19.96	20.08	19.97	1.16	1.47	1.63	1.28	1.32	1.49
9000	16.58	17.05	17.70	5.56	5.38	5.55	2.01	1.95	1.96
11000	23.36	23.99	24.08	5.41	4.97	4.70	8.64	8.30	8.25
13000	15.09	15.10	15.25	4.17	4.65	5.51	2.90	2.77	2.82
15000	14.00	14.80	15.74	2.90	2.97	3.50	3.02	3.14	3.27

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