

Ceramic Low Pass Filter

LFCN-1700+

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS (dB)			INPUT RETURN LOSS (dB)			OUTPUT RETURN LOSS (dB)		
	@ -55° C	@ +25° C	@ +100° C	@ -55° C	@ +25° C	@ +100° C	@ -55° C	@ +25° C	@ +100° C
50	0.05	0.07	0.07	42.98	36.98	34.08	43.15	37.50	34.64
100	0.06	0.09	0.09	44.12	38.32	35.14	40.47	37.74	34.53
200	0.08	0.12	0.12	32.95	37.94	39.00	32.27	37.45	39.21
300	0.10	0.13	0.15	31.30	38.31	33.95	30.92	36.86	34.32
400	0.12	0.17	0.19	34.35	39.08	34.06	33.43	36.15	33.14
500	0.12	0.18	0.21	37.30	42.20	36.52	35.09	35.23	32.71
600	0.14	0.21	0.23	40.54	49.10	37.37	34.27	33.56	31.65
700	0.16	0.22	0.27	42.44	51.68	36.92	33.12	32.26	30.78
800	0.17	0.25	0.29	46.15	41.98	36.29	32.69	31.10	29.91
900	0.20	0.27	0.32	40.11	37.14	35.00	31.24	29.98	28.86
1000	0.20	0.29	0.34	35.54	34.18	32.94	29.92	29.21	28.06
1100	0.24	0.33	0.39	33.14	32.15	31.23	29.53	28.81	27.71
1200	0.27	0.36	0.42	32.10	31.20	30.55	29.65	28.72	27.72
1300	0.30	0.41	0.47	31.93	31.02	30.55	30.56	29.38	28.37
1400	0.33	0.44	0.52	33.44	32.05	31.62	33.21	31.19	30.18
1500	0.37	0.50	0.59	37.75	35.36	34.27	41.10	36.88	35.76
1600	0.43	0.57	0.68	36.07	33.68	31.28	38.10	39.51	38.54
1700	0.53	0.70	0.83	26.39	24.92	23.52	26.29	25.60	24.69
1740	0.59	0.76	0.91	23.19	22.01	20.83	22.99	22.27	21.39
1900	1.12	1.40	1.66	13.16	12.70	12.16	12.94	12.37	11.76
2025	2.59	3.12	3.64	7.17	7.03	6.90	6.84	6.45	6.08
2100	4.76	5.57	6.37	4.52	4.57	4.65	4.07	3.85	3.67
2200	10.49	11.80	13.12	2.51	2.76	3.01	1.86	1.89	1.91
2300	20.89	22.93	25.16	1.83	2.10	2.32	1.11	1.25	1.37
2325	24.70	27.05	29.71	1.76	2.01	2.22	1.03	1.19	1.31
2500	34.44	35.00	35.69	1.26	1.44	1.58	0.81	0.99	1.13
2600	39.37	41.23	42.86	1.01	1.18	1.33	0.75	0.93	1.07
2700	46.32	44.89	43.90	0.82	1.00	1.16	0.72	0.89	1.02
2800	38.54	38.47	38.44	0.70	0.87	1.03	0.67	0.83	0.96
2900	36.24	36.61	36.98	0.61	0.78	0.94	0.64	0.79	0.91
3000	36.20	36.73	37.19	0.56	0.72	0.87	0.60	0.74	0.85
3100	37.36	38.07	38.65	0.51	0.66	0.81	0.56	0.69	0.80
3200	39.63	40.48	41.20	0.48	0.63	0.76	0.54	0.68	0.76
3300	43.30	43.85	44.54	0.45	0.59	0.71	0.50	0.63	0.71
3400	47.45	48.37	49.08	0.45	0.59	0.70	0.50	0.61	0.68
3500	51.98	53.24	54.21	0.43	0.57	0.67	0.48	0.59	0.66
4000	50.17	51.27	52.19	0.35	0.50	0.59	0.40	0.52	0.59
4200	48.16	47.81	47.64	0.33	0.49	0.58	0.39	0.51	0.58
4300	46.62	46.10	45.31	0.34	0.50	0.60	0.37	0.50	0.58
4400	43.64	43.55	43.44	0.33	0.49	0.59	0.39	0.51	0.59
4500	42.57	42.52	42.70	0.33	0.49	0.59	0.37	0.50	0.57
5000	35.79	35.93	35.84	0.35	0.50	0.62	0.34	0.51	0.62
5500	32.30	32.85	32.85	0.42	0.56	0.71	0.37	0.53	0.66
5600	31.99	31.67	31.50	0.42	0.57	0.73	0.36	0.53	0.68
5700	30.87	30.49	30.82	0.42	0.60	0.76	0.41	0.59	0.72
5800	29.36	30.24	30.75	0.46	0.62	0.78	0.45	0.59	0.71
5900	30.49	31.01	30.51	0.47	0.62	0.82	0.41	0.55	0.71
6000	29.67	30.36	30.21	0.46	0.62	0.82	0.43	0.55	0.71
6500	27.48	27.59	27.26	0.54	0.73	0.97	0.47	0.61	0.77
6900	24.64	24.23	23.38	0.63	0.80	1.07	0.50	0.67	0.85
7500	7.93	6.32	6.99	2.59	4.08	3.69	4.48	10.88	8.03
8000	13.54	14.73	15.82	1.06	1.12	1.17	0.85	0.88	0.93
8500	16.02	16.87	17.66	1.04	1.24	1.58	0.62	0.72	0.81
9000	16.68	16.85	17.14	0.82	1.04	1.17	0.52	0.71	0.80

REV. X2

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Page 1 of 1



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