

Ceramic Low Pass Filter

LFCN-1400+

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	0.05	0.07	0.07	40.90	38.55	36.76	42.08	38.66	36.75
100	0.06	0.09	0.10	39.98	38.88	37.57	43.81	39.83	37.46
500	0.11	0.18	0.22	28.55	28.39	28.02	35.18	37.07	36.23
800	0.23	0.29	0.36	24.50	24.15	23.65	27.57	27.52	27.43
1000	0.25	0.34	0.41	23.56	23.42	23.31	25.24	25.62	26.16
1400	0.44	0.60	0.74	30.27	27.19	24.74	32.46	28.72	25.83
1500	0.61	0.82	1.00	19.58	18.08	16.88	20.65	19.08	17.89
1540	0.72	0.96	1.17	16.79	15.50	14.45	17.65	16.34	15.39
1700	1.97	2.58	3.15	7.62	6.81	6.20	8.40	7.69	7.25
1710	2.14	2.79	3.42	7.14	6.35	5.76	7.94	7.27	6.84
1765	3.49	4.45	5.38	4.76	4.18	3.81	5.53	5.09	4.81
1850	7.43	9.02	10.48	2.20	2.05	1.95	2.91	2.83	2.81
1915	12.23	14.28	16.12	1.30	1.35	1.39	1.86	1.94	2.01
1960	16.21	18.56	20.70	1.02	1.12	1.22	1.51	1.64	1.74
1975	17.65	20.11	22.38	0.97	1.09	1.18	1.41	1.54	1.67
2015	21.64	24.35	26.89	0.85	0.99	1.13	1.18	1.35	1.49
2050	25.12	28.20	30.75	0.80	0.96	1.08	1.09	1.26	1.37
2100	29.93	32.78	35.43	0.76	0.93	1.09	0.95	1.11	1.24
2105	30.28	33.16	35.76	0.74	0.92	1.08	0.93	1.10	1.22
2140	32.45	35.00	36.37	0.74	0.92	1.07	0.84	1.01	1.13
2300	32.02	32.27	32.23	0.68	0.89	1.07	0.63	0.79	0.89
2585	29.49	29.73	30.00	0.62	0.85	1.06	0.45	0.60	0.71
3000	37.66	37.97	38.66	0.53	0.71	0.87	0.33	0.49	0.62
3300	53.81	55.43	57.05	0.42	0.60	0.70	0.31	0.46	0.57
3510	57.51	56.77	56.11	0.37	0.56	0.65	0.32	0.45	0.56
3700	49.66	51.57	51.10	0.38	0.53	0.64	0.30	0.45	0.53
4000	49.44	47.65	46.37	0.26	0.49	0.64	0.27	0.41	0.50
4300	39.08	41.44	42.22	0.34	0.50	0.65	0.31	0.43	0.51
4500	40.23	39.33	38.92	0.24	0.46	0.63	0.29	0.40	0.48
5000	36.82	35.53	36.91	0.26	0.47	0.67	0.31	0.42	0.51
6000	28.81	29.52	29.95	0.43	0.63	0.85	0.41	0.55	0.69
6460	28.43	28.26	28.24	0.39	0.66	0.85	0.41	0.60	0.75
6600	27.61	26.51	26.00	0.42	0.69	0.89	0.46	0.64	0.83
6700	24.54	24.39	23.29	0.51	0.71	0.98	0.51	0.67	0.98
6800	22.93	21.96	21.49	0.48	0.83	1.03	0.50	0.81	0.98
7000	17.80	16.23	14.32	0.76	1.18	1.70	0.80	1.11	1.65
7235	6.58	6.12	7.89	5.49	7.11	4.05	4.41	5.27	3.37
7500	12.39	13.72	14.71	0.95	1.08	1.19	0.98	1.06	1.24
8000	16.67	17.21	17.64	0.51	0.74	0.90	0.81	0.96	1.19
8500	17.28	21.52	21.40	0.86	0.97	0.93	1.46	1.54	1.39
9000	18.34	17.96	18.33	0.39	0.70	0.89	0.84	1.05	1.24

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