

Ceramic Low Pass Filter

LFCN-1525+

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	0.06	0.07	0.07	34.97	33.57	32.81	36.11	34.60	33.99
100	0.07	0.09	0.10	33.95	32.66	31.86	34.06	32.77	31.87
500	0.16	0.21	0.24	27.24	27.97	29.27	26.42	26.76	27.39
1000	0.28	0.36	0.43	26.12	25.60	25.45	25.45	24.73	24.24
1500	0.61	0.75	0.88	20.90	21.44	22.06	20.66	20.99	21.41
1525	0.63	0.79	0.92	22.05	22.73	23.53	21.43	21.75	22.18
1595	0.75	0.93	1.09	26.85	27.73	28.35	23.03	22.92	22.95
1750	1.88	2.28	2.65	10.12	9.57	9.14	10.38	10.05	9.81
1765	2.19	2.63	3.05	8.80	8.32	7.93	9.17	8.89	8.67
1815	3.78	4.41	5.03	5.23	4.96	4.74	5.83	5.72	5.62
1885	7.92	8.82	9.72	2.30	2.30	2.29	2.99	3.08	3.13
1940	12.61	13.65	14.68	1.28	1.37	1.45	1.95	2.11	2.22
1985	17.07	18.20	19.28	0.89	1.02	1.13	1.52	1.70	1.82
2000	18.64	19.78	20.89	0.81	0.94	1.05	1.43	1.60	1.72
2030	21.89	23.09	24.24	0.69	0.83	0.95	1.28	1.45	1.57
2040	23.01	24.23	25.40	0.66	0.80	0.92	1.24	1.40	1.52
2075	27.03	28.25	29.41	0.57	0.71	0.83	1.12	1.27	1.39
2120	31.95	33.08	34.15	0.49	0.64	0.76	0.99	1.13	1.25
2170	36.63	37.54	38.27	0.43	0.57	0.70	0.89	1.03	1.14
2220	39.40	40.06	40.51	0.39	0.54	0.66	0.80	0.94	1.05
2400	37.19	37.18	37.19	0.33	0.49	0.61	0.57	0.71	0.82
2670	34.87	35.04	35.22	0.28	0.43	0.55	0.45	0.58	0.71
3000	36.64	36.86	37.14	0.27	0.40	0.51	0.35	0.50	0.61
3830	42.16	42.35	42.64	0.27	0.41	0.50	0.27	0.40	0.48
4500	39.53	39.57	39.56	0.25	0.41	0.53	0.31	0.43	0.50
5000	37.99	36.98	37.02	0.23	0.41	0.56	0.30	0.44	0.52
5500	33.18	33.52	33.54	0.31	0.50	0.67	0.35	0.49	0.61
6000	31.82	31.10	31.33	0.42	0.62	0.82	0.34	0.53	0.66
6600	27.11	27.32	27.19	0.65	0.81	1.02	0.48	0.68	0.91
6650	26.85	27.02	27.16	0.58	0.77	0.97	0.53	0.74	0.96
6700	26.94	27.34	26.71	0.61	0.80	1.01	0.53	0.72	0.97
7010	13.31	12.46	13.24	1.29	1.63	1.65	5.01	6.74	5.12
7500	20.62	20.94	21.29	0.66	0.86	1.04	0.58	0.77	0.95
8000	20.40	20.75	20.92	0.67	0.88	1.06	0.61	0.79	0.99
9000	17.85	17.76	17.79	0.71	0.94	1.05	0.79	1.03	1.22
10000	15.71	15.76	15.76	0.62	0.94	1.18	0.79	1.01	1.13
11000	13.34	13.46	13.44	0.74	1.04	1.33	0.80	1.03	1.20
12200	8.22	8.25	8.55	1.82	2.48	3.10	2.02	2.75	3.52
13000	12.23	13.20	14.44	5.36	8.59	13.11	1.41	1.69	2.07
14000	13.08	13.14	13.42	2.73	2.74	2.79	1.95	2.30	2.58
14700	10.11	9.85	10.47	2.47	3.49	4.16	3.81	5.55	6.93
16000	17.78	17.66	17.83	2.18	3.00	3.81	2.80	3.26	3.63

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080722
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