

# Ceramic Low Pass Filter

# LFCN-2750TR5K+

## 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	0.06	0.07	0.08	45.62	38.29	34.40	45.41	38.69	34.72
200	0.10	0.12	0.14	33.41	38.62	39.05	32.89	37.70	39.05
500	0.13	0.17	0.21	39.80	45.02	35.36	35.92	34.97	32.27
1000	0.20	0.26	0.33	27.02	26.99	26.82	24.98	24.93	24.42
1500	0.32	0.41	0.49	19.34	19.06	19.05	19.29	18.88	18.72
2000	0.44	0.55	0.65	16.41	16.61	16.88	16.64	16.66	16.79
2500	0.53	0.65	0.79	19.29	20.50	21.23	18.50	19.69	20.49
2700	0.60	0.75	0.90	23.55	23.81	23.27	20.84	21.46	21.60
2750	0.64	0.79	0.96	23.53	23.27	22.39	20.75	21.10	21.00
2900	0.80	0.99	1.20	18.66	18.29	17.50	17.68	17.57	17.18
3150	1.56	1.88	2.26	10.07	9.54	9.07	10.40	9.99	9.59
3260	2.49	2.96	3.49	6.64	6.30	5.98	7.16	6.86	6.58
3370	4.32	4.95	5.69	3.98	3.85	3.71	4.41	4.32	4.20
3540	9.16	10.04	11.06	1.67	1.74	1.80	2.03	2.12	2.18
3660	13.82	14.84	16.02	1.09	1.20	1.30	1.35	1.49	1.61
3775	18.85	20.03	21.39	0.77	0.91	1.04	1.01	1.18	1.34
3850	22.50	23.81	25.30	0.70	0.83	0.97	0.87	1.06	1.24
3900	25.11	26.53	28.14	0.70	0.84	0.96	0.89	1.06	1.24
3950	27.90	29.47	31.22	0.60	0.75	0.88	0.82	1.00	1.19
4000	31.02	32.73	34.65	0.62	0.76	0.89	0.79	0.97	1.15
4070	36.03	37.98	40.14	0.59	0.73	0.86	0.78	0.96	1.15
4150	43.18	45.33	46.81	0.57	0.72	0.84	0.74	0.94	1.16
4200	47.47	48.54	49.18	0.49	0.65	0.78	0.71	0.91	1.11
4700	52.19	50.72	49.65	0.45	0.60	0.73	0.68	0.88	1.11
4900	44.00	42.95	42.17	0.41	0.56	0.68	0.62	0.82	1.04
5150	38.49	38.29	38.14	0.38	0.52	0.65	0.62	0.79	0.96
6000	35.49	35.29	35.17	0.46	0.63	0.85	0.52	0.69	0.84
6800	30.02	29.90	29.81	0.59	0.80	1.03	0.48	0.70	0.92
7500	25.07	25.03	25.21	0.73	0.87	1.07	0.51	0.76	1.06
8400	21.19	21.72	22.24	0.85	0.98	1.08	0.75	0.93	1.22
9900	18.50	18.44	18.41	0.53	0.93	1.18	0.84	1.11	1.22
11000	16.77	16.64	16.56	0.95	1.08	1.26	0.73	0.98	1.15
12100	14.81	14.87	15.02	0.80	1.04	1.24	0.74	0.91	1.18
13000	13.37	13.06	12.82	0.65	1.05	1.54	0.80	1.01	1.34
14000	12.17	12.58	12.73	1.38	1.54	1.90	1.00	1.22	1.53
15200	9.46	9.65	10.44	3.06	3.13	3.04	2.60	2.72	3.05
16300	13.20	13.98	14.24	2.41	2.94	3.30	2.52	2.42	2.66
17400	16.50	16.33	16.67	2.86	3.27	4.46	1.88	2.28	2.30
18500	22.61	20.14	18.82	8.73	6.00	4.93	1.52	2.03	2.35
19400	20.45	20.84	20.94	2.94	3.32	3.46	1.17	1.58	2.21
20000	18.51	17.44	16.26	3.38	4.29	5.55	1.44	2.03	3.10

REV. X1

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