

Ceramic Low Pass Filter

LFCN-190+

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	0.20	0.25	0.35	32.80	30.27	27.56	32.97	30.31	27.25
50	0.24	0.29	0.38	32.11	29.55	27.00	32.26	29.63	26.65
70	0.29	0.35	0.44	30.61	28.36	26.32	30.65	28.47	25.89
85	0.33	0.39	0.48	30.11	28.07	26.39	29.86	28.03	25.82
100	0.37	0.43	0.53	30.00	28.05	26.73	29.39	27.83	26.01
120	0.43	0.50	0.59	29.84	28.15	27.38	28.76	27.65	26.44
130	0.46	0.54	0.63	29.67	28.23	27.78	28.35	27.54	26.66
145	0.51	0.59	0.69	29.39	28.47	28.58	27.74	27.41	26.98
155	0.55	0.63	0.74	29.17	28.70	29.32	27.27	27.23	27.09
170	0.61	0.70	0.82	28.77	29.09	30.91	26.35	26.63	26.82
185	0.69	0.79	0.91	27.77	28.73	31.79	25.10	25.46	25.86
190	0.72	0.82	0.95	27.19	28.23	31.25	24.58	24.93	25.35
200	0.78	0.89	1.03	25.54	26.48	28.63	23.35	23.65	24.09
210	0.86	0.98	1.12	23.34	24.02	25.21	21.85	22.09	22.51
260	1.86	1.99	2.18	10.99	11.32	11.40	11.88	12.44	12.95
280	3.08	3.17	3.35	6.98	7.39	7.55	8.08	8.79	9.41
300	5.40	5.34	5.46	4.10	4.50	4.72	5.30	6.00	6.65
330	11.37	11.03	10.97	1.93	2.22	2.41	3.49	3.99	4.49
345	15.47	14.97	14.84	1.48	1.72	1.88	3.41	3.81	4.22
360	20.46	19.76	19.57	1.24	1.45	1.59	3.70	4.04	4.40
375	26.59	25.62	25.34	1.10	1.30	1.43	4.09	4.50	4.89
385	31.32	30.20	29.88	1.04	1.23	1.36	4.18	4.72	5.22
400	38.37	37.66	37.52	0.97	1.15	1.28	3.87	4.60	5.30
450	39.16	39.57	39.85	0.85	1.00	1.13	2.08	2.51	3.00
510	41.26	40.93	40.71	0.73	0.87	0.99	1.14	1.34	1.53
570	52.64	50.83	49.90	0.64	0.76	0.87	0.73	0.87	1.00
600	61.27	60.99	59.52	0.59	0.71	0.81	0.61	0.73	0.85
700	48.13	48.26	48.46	0.47	0.56	0.66	0.39	0.49	0.63
900	64.01	66.47	64.69	0.31	0.39	0.46	0.27	0.35	0.54
1500	40.50	40.91	41.27	0.17	0.22	0.26	0.27	0.31	0.51
2000	46.43	46.51	46.40	0.19	0.22	0.25	0.22	0.28	0.41
2850	37.66	40.65	42.57	4.67	2.15	1.60	0.26	0.33	0.41
3100	24.65	24.11	26.25	0.86	1.32	1.46	0.60	0.76	0.78
5000	25.01	25.17	25.60	0.94	1.26	1.62	0.25	0.58	1.08
6550	19.31	20.80	21.17	0.43	0.59	0.80	0.50	0.53	0.80
8500	15.49	17.05	17.10	1.32	1.25	1.54	4.52	4.65	7.98
9200	37.52	44.50	42.72	0.72	0.74	0.92	2.59	1.30	2.00
10500	17.11	23.20	25.14	1.24	1.10	1.21	3.66	1.49	2.51
12000	23.70	24.56	23.56	4.44	6.56	6.00	5.20	9.87	13.13
14000	14.67	18.66	18.89	4.35	6.06	5.21	2.83	3.60	3.71
16000	19.17	24.92	24.49	2.37	2.53	3.62	10.24	12.46	18.70
18000	14.42	13.30	12.90	5.09	4.45	4.04	3.35	5.41	5.83

