

Ceramic Low Pass Filter

LFCN-160+

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	0.25	0.31	0.35	31.76	30.02	28.22	31.22	29.58	27.90
50	0.26	0.32	0.36	30.94	29.59	27.84	30.16	28.91	27.39
80	0.36	0.42	0.47	30.28	29.28	27.87	28.65	27.62	26.54
100	0.42	0.50	0.55	30.58	29.46	28.33	28.26	27.04	26.19
150	0.66	0.76	0.83	27.35	28.15	29.54	24.66	24.45	24.51
160	0.72	0.83	0.91	25.18	26.11	27.77	23.17	23.20	23.48
175	0.86	0.97	1.06	21.62	22.33	23.56	20.70	20.91	21.32
205	1.34	1.48	1.59	14.29	14.63	15.02	15.22	15.56	15.83
230	2.43	2.56	2.68	8.61	8.98	9.20	10.39	11.04	11.37
235	2.81	2.92	3.05	7.59	7.97	8.20	9.46	10.17	10.55
250	4.53	4.56	4.65	4.93	5.32	5.57	6.95	7.76	8.30
275	10.12	9.87	9.80	2.24	2.54	2.75	4.21	4.88	5.47
290	15.40	14.93	14.74	1.56	1.80	1.97	3.42	3.92	4.40
300	19.72	19.08	18.81	1.33	1.54	1.69	3.12	3.53	3.93
315	27.35	26.45	26.06	1.16	1.34	1.48	2.83	3.18	3.49
325	33.01	32.06	31.61	1.09	1.27	1.40	2.69	3.04	3.31
330	35.78	34.94	34.54	1.07	1.24	1.37	2.64	2.99	3.25
335	38.29	37.69	37.44	1.06	1.23	1.36	2.62	2.99	3.24
350	40.81	41.78	42.64	1.02	1.19	1.31	2.48	2.88	3.15
420	34.55	34.62	34.68	0.86	1.02	1.14	1.82	2.15	2.47
480	39.38	38.96	38.71	0.75	0.90	1.01	1.28	1.48	1.68
515	45.94	44.96	44.42	0.68	0.81	0.93	1.01	1.18	1.33
535	52.50	50.59	49.52	0.64	0.77	0.89	0.88	1.03	1.16
550	58.35	56.33	54.76	0.64	0.76	0.87	0.81	0.95	1.06
560	56.54	57.46	56.89	0.62	0.75	0.85	0.76	0.89	1.00
680	44.62	44.74	44.89	0.46	0.57	0.65	0.42	0.50	0.56
800	49.08	48.36	48.09	0.35	0.44	0.51	0.31	0.36	0.42
920	67.45	63.96	61.61	0.27	0.35	0.41	0.24	0.28	0.32
1350	45.64	46.01	46.27	0.17	0.22	0.27	0.22	0.25	0.27
1900	59.94	60.01	60.69	0.17	0.21	0.23	0.21	0.25	0.28
2700	42.84	45.00	45.30	0.85	0.69	0.64	0.20	0.25	0.32
2900	25.22	23.89	24.37	2.44	5.40	7.95	0.41	0.41	0.47
3200	30.25	30.47	30.43	0.44	0.50	0.53	0.51	0.82	1.11
6100	20.39	21.32	21.88	3.80	4.56	4.46	0.64	0.73	0.82
7200	15.50	15.80	16.17	0.60	0.87	1.11	2.62	2.12	2.01
8500	30.41	29.95	30.53	0.54	0.81	1.09	1.63	1.82	2.12
11000	22.11	20.70	20.65	1.51	1.50	1.43	2.16	2.33	2.62
12000	18.55	19.69	21.89	3.87	2.96	2.50	4.52	3.92	3.91
13000	19.54	21.78	24.20	1.41	1.34	1.50	3.64	3.81	4.68
14000	12.88	13.93	15.30	1.82	2.18	2.63	4.58	3.94	3.98
16000	12.58	13.15	14.00	2.54	2.97	3.42	3.47	3.14	3.04
18000	14.03	14.99	15.16	2.47	2.89	3.36	3.61	3.96	4.28

