

# Ceramic Low Pass Filter

# LFCN-900+

## 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	0.08	0.10	0.11	36.56	32.48	30.35	35.67	32.32	30.22
100	0.11	0.14	0.16	32.46	30.59	29.01	31.37	30.02	28.59
200	0.18	0.22	0.23	24.55	27.97	31.19	23.86	26.39	28.31
500	0.30	0.38	0.44	23.28	23.66	24.55	21.64	21.48	21.70
600	0.36	0.45	0.54	23.81	23.76	24.13	21.94	21.51	21.46
700	0.44	0.55	0.65	24.94	24.79	24.30	23.31	22.75	22.02
840	0.65	0.81	0.95	24.54	23.76	22.52	23.34	22.55	21.34
850	0.68	0.84	0.99	24.08	23.35	22.18	22.93	22.22	21.10
900	0.82	1.02	1.19	21.53	21.12	20.40	21.04	20.80	20.15
1000	1.33	1.66	1.95	18.21	17.88	17.62	21.13	22.30	23.65
1075	2.62	3.36	4.09	11.55	10.33	9.44	16.34	15.17	13.98
1110	4.66	5.87	7.06	6.35	5.66	5.15	8.96	8.50	8.01
1150	9.59	11.29	12.88	2.82	2.71	2.65	4.65	4.79	4.87
1180	14.62	16.42	18.05	1.69	1.77	1.83	3.29	3.58	3.82
1210	19.83	21.52	22.98	1.21	1.34	1.43	2.61	2.92	3.19
1275	27.81	28.73	29.44	0.80	0.94	1.05	1.82	2.08	2.29
1300	29.29	29.98	30.53	0.72	0.86	0.97	1.62	1.86	2.04
1350	31.04	31.63	32.14	0.61	0.75	0.85	1.28	1.48	1.63
1480	36.90	38.02	39.13	0.44	0.56	0.66	0.72	0.88	0.99
1550	43.49	45.53	47.62	0.38	0.51	0.61	0.58	0.72	0.82
1730	42.15	41.37	40.87	0.29	0.43	0.53	0.37	0.48	0.55
1950	37.69	37.65	37.64	0.23	0.36	0.47	0.28	0.37	0.43
2260	40.24	40.57	40.85	0.21	0.33	0.42	0.23	0.32	0.37
2600	50.86	51.39	51.70	0.22	0.33	0.40	0.20	0.28	0.33
2720	53.02	52.67	52.47	0.24	0.34	0.40	0.18	0.27	0.31
2860	49.05	48.32	48.11	0.24	0.34	0.40	0.17	0.27	0.31
3370	39.68	39.60	39.43	0.23	0.36	0.43	0.17	0.28	0.35
4840	28.41	28.59	28.76	0.39	0.53	0.66	0.25	0.44	0.60
4850	28.38	28.46	28.70	0.39	0.53	0.67	0.26	0.45	0.59
5000	26.39	26.32	25.94	0.41	0.57	0.72	0.27	0.50	0.67
5100	25.01	24.46	23.67	0.46	0.62	0.79	0.35	0.55	0.74
5200	22.27	21.44	20.41	0.48	0.67	0.90	0.42	0.66	0.92
5300	18.52	17.21	16.05	0.58	0.84	1.14	0.69	1.10	1.61
5400	13.60	11.98	10.62	0.96	1.43	2.03	1.77	3.11	5.32
5520	7.82	9.18	10.80	2.41	2.04	1.77	11.41	6.03	3.80
5700	14.91	15.93	16.76	0.68	0.84	1.02	0.85	0.93	1.02
6500	22.16	21.81	22.18	0.64	0.86	1.03	0.77	1.36	2.27
7000	20.93	20.93	21.03	0.67	0.80	0.94	0.45	0.57	0.70
8000	19.63	20.09	20.37	0.63	0.78	0.85	0.39	0.49	0.58
9000	19.28	19.16	19.17	0.51	0.75	0.93	0.35	0.60	0.76
10000	19.72	20.07	20.45	0.70	0.93	1.22	0.86	1.46	2.14
11000	23.60	21.11	20.07	0.75	1.04	1.30	4.61	5.00	4.89
12000	16.71	16.96	17.27	1.10	1.67	2.20	1.39	1.50	1.71