

Ceramic Low Pass Filter

LFCN-800

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
10	0.05	0.06	0.07	40.02	46.06	46.03	45.64	46.06	46.85
50	0.08	0.10	0.11	35.81	36.49	36.42	38.06	38.48	38.21
100	0.10	0.14	0.15	28.71	28.92	29.04	28.67	28.83	28.85
765	0.58	0.73	0.84	18.19	18.11	18.13	17.84	17.75	17.74
800	0.69	0.85	0.99	15.40	15.34	15.31	15.39	15.27	15.24
840	0.92	1.09	1.25	12.53	12.43	12.33	12.46	12.33	12.23
970	2.92	3.26	3.62	4.79	4.73	4.65	4.79	4.70	4.60
990	3.49	3.87	4.29	4.01	3.95	3.86	3.99	3.94	3.85
1030	4.93	5.38	5.84	2.75	2.74	2.73	2.76	2.77	2.71
1140	9.97	10.54	11.15	1.00	1.08	1.12	1.02	1.06	1.10
1235	14.90	15.51	16.14	0.53	0.62	0.69	0.50	0.61	0.65
1275	16.98	17.62	18.26	0.44	0.53	0.61	0.42	0.50	0.54
1330	19.86	20.50	21.21	0.36	0.44	0.50	0.34	0.43	0.47
1350	20.93	21.58	22.30	0.32	0.42	0.48	0.30	0.39	0.44
1400	23.58	24.29	25.00	0.28	0.36	0.43	0.28	0.36	0.40
1420	24.69	25.42	26.14	0.26	0.34	0.41	0.26	0.33	0.39
1500	29.21	30.05	30.92	0.24	0.33	0.39	0.22	0.28	0.33
1580	34.58	35.62	36.69	0.20	0.30	0.34	0.19	0.27	0.30
1635	39.05	40.35	41.74	0.20	0.29	0.33	0.17	0.25	0.29
1675	43.18	45.09	47.10	0.18	0.27	0.32	0.17	0.24	0.29
1700	46.61	49.31	51.99	0.16	0.25	0.30	0.17	0.25	0.29
1735	54.91	60.33	62.84	0.18	0.26	0.31	0.15	0.24	0.29
1785	55.87	52.35	49.66	0.17	0.26	0.31	0.15	0.23	0.27
1825	48.20	46.52	45.29	0.18	0.25	0.31	0.14	0.22	0.25
2000	39.24	39.14	38.63	0.15	0.24	0.30	0.14	0.22	0.25
2500	33.99	33.92	33.86	0.12	0.21	0.29	0.12	0.20	0.24
3000	31.55	31.57	31.83	0.09	0.20	0.30	0.13	0.21	0.27
3500	29.88	30.42	30.11	0.11	0.25	0.38	0.11	0.20	0.29
4000	28.95	29.19	29.16	0.09	0.24	0.36	0.11	0.22	0.33
4500	27.66	27.52	27.72	0.12	0.28	0.43	0.18	0.33	0.41
5000	24.84	25.04	25.92	0.25	0.41	0.56	0.24	0.40	0.55
5500	23.28	23.65	24.15	0.28	0.43	0.58	0.28	0.44	0.56
6000	21.82	22.05	22.36	0.35	0.50	0.70	0.36	0.52	0.68
6500	20.66	20.83	21.01	0.30	0.52	0.71	0.29	0.50	0.68
7000	19.33	19.38	19.08	0.47	0.63	0.79	0.35	0.50	0.69
7500	17.70	17.53	17.28	0.50	0.74	0.87	0.37	0.58	0.75
8000	15.52	15.22	14.72	0.70	0.93	1.04	0.60	0.82	1.11
8880	7.09	7.27	8.45	3.86	6.71	7.44	3.05	4.40	6.19
9130	13.60	15.23	12.02	3.00	2.81	3.46	3.71	2.89	3.15
9420	5.02	4.90	5.81	9.15	11.49	7.78	7.46	8.50	6.39
10000	10.38	11.11	11.47	1.31	1.54	1.80	1.32	1.49	1.63

REV. X1

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