



**THE DATASHEET OF
LFCN-2352+**



Typical Performance Data

FREQ. (MHz)	INSERTION LOSS			INPUT RETURN LOSS			OUTPUT RETURN LOSS		
	(dB)			(dB)			(dB)		
	@-55°C	@+25°C	@+125°C	@-55°C	@+25°C	@+125°C	@-55°C	@+25°C	@+125°C
10	0.01	0.02	0.02	40.50	40.10	40.02	40.43	40.33	40.36
100	0.01	0.02	0.03	37.22	36.03	34.69	38.04	36.54	34.95
200	0.00	0.02	0.04	32.32	31.60	30.62	32.73	31.68	30.92
250	0.00	0.02	0.05	30.69	30.18	29.81	31.07	30.35	30.05
300	0.00	0.03	0.05	29.89	29.46	28.94	30.16	29.45	29.02
350	0.00	0.03	0.05	28.76	28.46	28.19	28.85	28.49	28.45
400	0.00	0.03	0.06	27.62	27.64	27.56	27.68	27.68	27.85
500	0.00	0.03	0.06	26.48	26.49	26.55	26.57	26.61	26.79
550	0.00	0.03	0.06	25.88	26.09	26.30	25.85	26.19	26.44
600	0.00	0.03	0.07	25.44	25.67	25.78	25.72	25.86	26.01
800	0.00	0.04	0.07	24.79	24.89	25.09	24.81	25.00	25.20
1000	0.00	0.04	0.08	24.22	24.57	24.88	24.29	24.75	25.13
2000	0.01	0.05	0.12	27.65	27.88	28.91	28.70	29.14	30.20
3000	0.00	0.05	0.15	31.58	33.97	34.43	36.30	42.37	42.87
4000	0.02	0.05	0.16	32.55	36.69	41.38	30.38	32.42	32.59
5000	0.04	0.06	0.17	25.29	24.65	25.06	25.07	25.06	24.68
6000	0.02	0.13	0.24	17.79	18.52	19.15	18.26	18.89	20.06
7000	0.02	0.12	0.24	17.84	18.78	20.40	17.86	18.99	20.49
8000	0.11	0.01	0.18	25.84	26.03	26.41	28.67	28.27	29.08
9000	0.07	0.06	0.25	24.30	24.85	27.25	23.59	23.94	25.05
10000	0.00	0.14	0.35	20.85	20.69	20.29	20.51	20.36	19.89
11000	0.11	0.25	0.45	14.06	14.30	15.24	14.35	14.64	15.56
12000	0.03	0.13	0.37	23.26	23.75	24.77	28.10	29.42	29.71
13000	0.01	0.16	0.40	16.54	17.45	19.58	16.41	17.17	19.16
14000	0.07	0.11	0.41	43.84	34.79	29.68	23.17	22.94	23.34
15000	0.06	0.24	0.53	16.67	17.30	18.08	16.41	17.08	18.06
20000	0.15	0.42	0.81	19.26	19.77	22.89	19.36	19.69	23.24
22000	0.29	0.62	1.13	23.25	23.00	22.78	22.02	21.45	22.40
23000	0.64	0.98	1.50	14.63	15.54	18.37	13.70	14.38	17.14
23500	0.74	1.10	1.71	15.26	17.05	20.69	13.92	14.98	16.79
24000	0.82	1.28	2.08	23.56	33.23	31.56	16.38	16.67	15.92
25000	2.35	3.37	4.98	10.30	9.36	8.78	9.37	8.63	7.89
26000	7.93	9.96	13.06	4.94	4.83	4.76	4.72	4.73	5.16
26500	12.98	15.34	18.93	3.59	3.75	3.94	3.61	3.87	4.45
27000	19.10	21.83	25.54	3.00	3.29	3.85	3.08	3.43	4.01
27600	27.77	30.98	34.16	3.00	3.38	4.25	2.83	3.16	3.94
28000	34.41	35.69	35.03	3.21	3.59	4.39	2.74	3.07	3.89
28500	34.95	34.38	34.49	3.23	3.49	3.88	2.54	2.90	3.67
29000	33.54	33.73	34.79	2.79	3.00	3.24	2.44	2.83	3.44
29500	33.72	34.36	36.19	2.36	2.61	2.92	2.46	2.88	3.41
30000	34.98	36.04	37.85	2.14	2.46	2.94	2.68	3.14	3.73
30500	36.51	38.14	41.09	2.40	2.80	3.49	3.11	3.57	4.43
31000	40.07	42.81	47.33	2.80	3.23	4.05	3.31	3.73	4.63
31500	45.71	49.06	49.77	3.28	3.63	4.36	3.02	3.35	4.04
32000	45.72	44.95	44.49	3.27	3.49	3.93	2.52	2.84	3.34
32500	42.93	42.32	41.57	2.65	2.89	3.25	2.13	2.47	2.91
33000	40.53	40.14	40.08	2.19	2.46	2.84	2.07	2.42	2.96
33500	38.85	38.74	39.06	2.04	2.38	2.81	2.23	2.64	3.35
34000	37.35	37.46	37.49	2.20	2.55	3.13	2.60	3.09	3.99
34500	35.62	35.90	36.32	2.50	2.86	3.60	3.08	3.63	4.44
35000	34.76	35.22	36.02	2.73	3.06	3.86	3.35	3.84	4.43
35500	34.70	35.39	36.45	2.69	3.01	3.67	3.09	3.44	3.99
36000	35.93	36.66	37.82	2.49	2.84	3.29	2.66	2.99	3.54
36500	36.94	37.78	39.38	2.49	2.84	3.17	2.37	2.73	3.33
37000	38.18	39.24	40.82	2.55	2.84	3.24	2.28	2.70	3.36
37500	39.51	40.60	42.18	2.66	2.96	3.47	2.33	2.80	3.49
38000	40.75	42.07	43.89	2.64	2.96	3.68	2.43	2.94	3.74
38500	42.97	44.22	45.24	2.35	2.72	3.58	2.57	3.09	3.94
39000	44.89	45.35	44.91	2.12	2.56	3.29	2.73	3.23	4.04
40000	42.05	40.43	38.96	2.18	2.54	3.00	3.22	3.70	4.19

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