

# Low Pass Filter

# LFCN-1500D+

## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	RETURN LOSS (dB)	FREQUENCY (MHz)	GROUP DELAY (nsec)
1.0	0.02	49.50	1.0	0.45
100.0	0.10	39.19	100.0	0.44
250.0	0.15	33.03	250.0	0.44
500.0	0.23	26.87	500.0	0.45
750.0	0.30	23.62	750.0	0.46
1000.0	0.39	21.76	1000.0	0.50
1100.0	0.43	21.32	1100.0	0.51
1200.0	0.47	21.10	1200.0	0.54
1300.0	0.51	21.12	1300.0	0.57
1400.0	0.57	21.26	1400.0	0.61
1450.0	0.61	21.15	1450.0	0.63
1475.0	0.63	21.13	1475.0	0.66
1500.0	0.65	21.11	1500.0	0.68
1525.0	0.68	20.95	1525.0	0.69
1550.0	0.71	20.65	1550.0	0.71
1575.0	0.74	20.33	1575.0	0.74
1600.0	0.77	20.04	1600.0	0.76
1625.0	0.81	19.63	1625.0	0.79
1650.0	0.86	19.04	1650.0	0.82
1675.0	0.92	18.38	1675.0	0.85
1700.0	0.99	17.73	1700.0	0.88
1725.0	1.07	16.97	1725.0	0.93
1750.0	1.17	16.05	1750.0	0.97
1775.0	1.30	15.00	1775.0	1.03
1800.0	1.46	13.91	1800.0	1.09
1825.0	1.66	12.73	1825.0	1.16
1850.0	1.93	11.44	1850.0	1.25
1875.0	2.30	10.07	1875.0	1.34
1900.0	2.79	8.70	1900.0	1.42
1925.0	3.45	7.36	1925.0	1.51
1950.0	4.33	6.10	1950.0	1.58
1975.0	5.49	4.98	1975.0	1.61
2000.0	6.94	4.04	2000.0	1.59
2025.0	8.69	3.29	2025.0	1.55
2050.0	10.75	2.72	2050.0	1.46
2075.0	13.10	2.30	2075.0	1.34
2100.0	15.74	1.99	2100.0	1.20
2125.0	18.67	1.76	2125.0	1.05
2150.0	21.93	1.59	2150.0	0.88
2175.0	25.66	1.46	2175.0	0.64
2200.0	30.03	1.36	2200.0	0.19
2225.0	35.33	1.27	2350.0	0.08
2250.0	41.31	1.20	2375.0	0.14
2275.0	43.07	1.15	2400.0	0.04
2300.0	40.99	1.10	2750.0	0.07
2325.0	39.74	1.06	3000.0	0.47
2350.0	39.53	1.02	3250.0	0.43
2375.0	40.17	0.99	3500.0	0.39
2400.0	41.60	0.96	3750.0	0.37
2425.0	43.94	0.94	4000.0	0.37
2450.0	47.52	0.93	4250.0	0.40
2475.0	51.63	0.91	4500.0	0.42
2500.0	49.75	0.90	4750.0	0.45
2750.0	32.36	0.84	5000.0	0.45
3000.0	30.59	0.78	5250.0	0.52
3250.0	31.66	0.76	5500.0	0.51
3500.0	33.85	0.69	5750.0	0.32
4000.0	38.71	0.55	6000.0	0.09
4250.0	40.85	0.52	6500.0	0.44
4750.0	43.80	0.40	6600.0	0.43
5750.0	48.46	0.53	6700.0	0.29
6600.0	37.65	0.83	6800.0	0.20
6800.0	34.05	0.94	6900.0	0.20
7000.0	29.43	0.98	7000.0	0.21