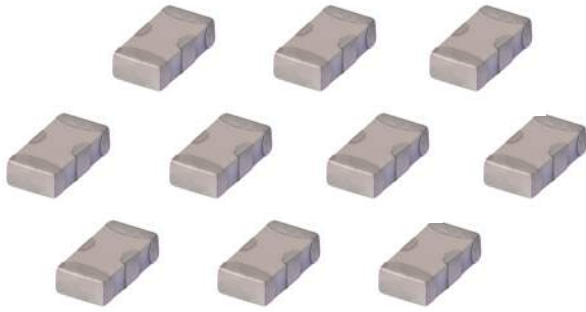




## DESIGNER'S KIT K4-LFCN+

# Low Pass Filters

50Ω DC to 6700 MHz



### FEATURES

- Wideband, 50Ω
- LTCC Low Temperature Co-fired Ceramic
- Small size (L) 0.12" x (W) 0.06"
- Temperature stable
- Repeatable performance
- Excellent power handling
- Hermetically sealed
- Low cost

MINI-CIRCUITS DESIGNER'S KITS  
**SPEED UP**  
THE SOLUTION



### K4-LFCN+ ELECTRICAL SPECIFICATIONS

(kit includes 18 models, 5 of each, 90 total)

Model	Passband (MHz) (loss < 1dB) <sup>1</sup> Max.	f <sub>co</sub> , (MHz) Nom. (loss 3dB) Typ.	Stopband (MHz) (loss, dB)			VSWR (:1)		Power Input <sup>2</sup> (W) Max.	No. of Sections
			f 20 Min.	30 Typ.	fr 20 Typ.	Stopband Typ.	Passband Typ.		
LFCN-800+	DC-800	990	1400	1500-2000	4500	20	1.2	9	5
LFCN-900+	DC-850	1075	1275	1350-4850	5100	20	1.2	10	7
LFCN-1000+	DC-1000	1300	1550	1900-5000	5500	20	1.3	10	7
LFCN-1200+	DC-1200	1530	1865	2000-5000	6200	20	1.2	10	7
LFCN-1325+	DC-1325	1560	2100	2200-2600	4250	20	1.4	9	5
LFCN-1400+	DC-1400	1700	2015	2100-6600	6800	20	1.2	10	7
LFCN-1450+	DC-1450	1825	2025	2050-6600	6700	20	1.2	10	7
LFCN-1500+	DC-1500	1825	2100	2150-6600	6800	20	1.2	10	7
LFCN-1525+	DC-1525	1750	2040	2120-6600	6700	20	1.2	10	7
LFCN-1575+	DC-1575	1875	2175	2225-6800	7100	20	1.2	10	7
LFCN-1700+	DC-1700	2050	2375	2500-6500	7000	20	1.2	10	7
LFCN-1800+	DC-1800	2125	2425	2500-7200	8600	20	1.2	10	7
LFCN-2000+	DC-2000	2275	3000	3100-3500	4600	20	1.3	9	5
LFCN-2250+	DC-2200	2575	2900	3000-5000	7200	20	1.2	10	7
LFCN-2400+	DC-2400	2800	3600	3700-4000	5000	20	1.2	9	5
LFCN-5000+	DC-5000	5580	6850	7050-10000	18000	20	1.2	9	7
LFCN-6000+	DC-6000	6800	8500	8700-10500	18000	20	1.3	9	7
LFCN-6700+	DC-6700	7600	9300	9500-11000	18000	20	1.3	9	7

<sup>1</sup>LFCN-1700+, -2250+, -6000+, -6700+ Loss < 1.2dB, LFCN-800+, -900+, -1325+ Loss < 1.3dB, LFCN-2000+, -2400+ Loss < 1.5dB.

<sup>2</sup>Passband rating, at 100°C ambient derate linearly to 3.5W, 3W for LFCN-5000+, -6000+, -6700+, 4W for LFCN-800+, -1325+, -2000+, -2400+.

