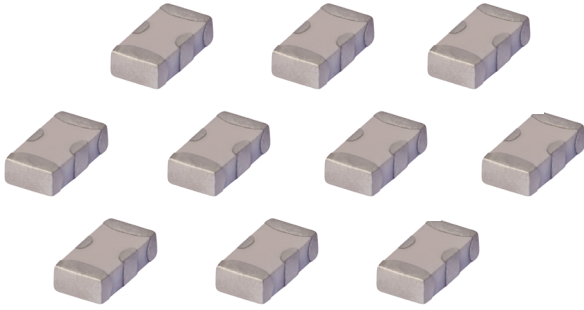




DESIGNER'S KIT K3-LFCN+

Low Pass Filters

50Ω DC to 630 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
- 7 sections

MINI-CIRCUITS DESIGNER'S KITS
SPEED UP
THE SOLUTION



K3-LFCN+ ELECTRICAL SPECIFICATIONS

(11 models, 5 of each, 55 total)

Model	Passband (MHz) (loss < 1dB) ¹ Max.	f _{co} , (MHz) Nom. (loss 3dB) Typ.	Stopband (MHz) (loss, dB)			VSWR (:1)		Power Input ² (W) Max.
			f 20 Min.	40 Typ.	fr 20 Typ.	Stopband Typ.	Passband Typ.	
LFCN-80+	DC-80	145	200	225-1550	4500	20	1.2	8.5
LFCN-95+	DC-95	165	230	255-1600	4500	20	1.2	8.5
LFCN-105+	DC-105	180	250	265-1650	4750	20	1.2	8.5
LFCN-120+	DC-120	195	280	300-1850	4750	20	1.2	8.5
LFCN-225+	DC-225	350	460	510-2500	5500	20	1.2	8.5
LFCN-320+	DC-320	460	560	640-2500	5300	20	1.2	8.5
LFCN-400+	DC-400	560	660	680-3000	5500	20	1.2	8.5
LFCN-490+	DC-490	650	800	880-2500	6000	20	1.2	8.5
LFCN-530+	DC-530	700	820	945-3000	6000	20	1.2	8.5
LFCN-575+	DC-575	770	900	1050-3200	5500	20	1.2	8.5
LFCN-630+	DC-630	830	1000	1050-3500	6000	20	1.2	8.5

Protected under U.S. Patent 6,943,646

¹LFCN-530+, -575+, and -630+ Loss < 1.2dB.

²Passband rating, derate linearly to 3.5W at 100°C ambient.



Mouser Electronics

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