

LOW PASS FILTERS

Designer's Kit K5-LFCN+

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



Passband DC to 6700MHz

LFCN+ 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



All models are
RoHS compliant

Kit K5-LFCN+ Electrical specifications of each model (13 models, 5 of each, 65 total)

Model	Passband (MHz) (loss < 1dB) [†] Max.	fco, (MHz) Nom.		Stopband (MHz) (loss, dB)			VSWR (:1)		No. of Sections	Power Input* (W) Max.
		(loss 3dB) Typ.		f 20 Min.	30 Typ.	fr 20 Typ.	Stopband Typ.	Passband Typ.		
LFCN-2000+	DC-2000	2275		3000	3100-3500	4600	20	1.3	5	9
• LFCN-2250+	DC-2200	2575		2900	3000-5000	7200	20	1.2	7	10
LFCN-2400+	DC-2400	2800		3600	3700-4000	5000	20	1.2	5	9
• LFCN-2500+	DC-2500	3075		3675	3800-6100	8000	20	1.2	7	10
• LFCN-2600+	DC-2600	3125		3750	3900-6600	8400	20	1.2	7	10
• LFCN-2750+	DC-2750	3150		4000	4150-6800	8400	20	1.2	7	10
• LFCN-2850+	DC-2800	3300		4000	4200-7400	9000	20	1.2	7	10
• LFCN-3000+	DC-3000	3600		4550	4780-7500	10000	20	1.2	7	10
• LFCN-3800+	DC-3900	4850		6000	5700-8300	13000	17	1.3	7	8
• LFCN-4400+	DC-4400	5290		6700	6280-9800	13000	17	1.2	7	8
• LFCN-5000+	DC-5000	5580		6850	7050-10000	18000	20	1.2	7	9
• LFCN-6000+	DC-6000	6800		8500	8700-10500	18000	20	1.3	7	9
• LFCN-6700+	DC-6700	7600		9300	9500-11000	18000	20	1.3	7	9

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

[†] LFCN-2250+, -2850+, -6000+, -6700+ Loss < 1.2dB, LFCN-2000, -2400+, -3800+ Loss < 1.5dB.

* Passband rating, at 100°C ambient derate linearly to 3.5W, 3W for LFCN-3800+, -4400+, -5000+, -6000+, -6700+, 4W for LFCN-2000+, -2400+.



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