



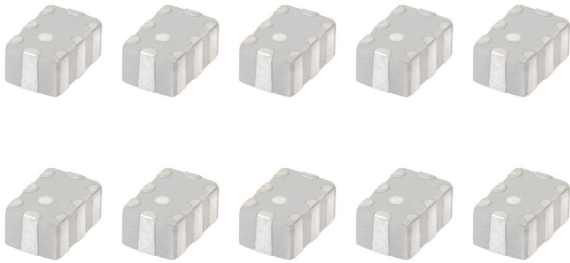
DESIGNER'S KIT K1-LFCG+

Low Pass Filters



Mini-Circuits

50Ω DC to 990 MHz



FEATURES

- Suited for harmonic rejection, VHF/UHF transmitters/receivers, and test and measurement
- Small size, 0805
- Rugged LTCC construction
- Excellent Power Handling, 2 to 4.5 Watts
- Good Rejection, 30-50 dB typ.
- Low Cost

MINI-CIRCUITS DESIGNER'S KITS
SPEED UP
THE SOLUTION



K1-LFCG+ ELECTRICAL SPECIFICATIONS

(10 models, 5 of each, 50 Total)

| Model ¹ | Passband | | Stopband 1 | | Additional Stopbands | | Case Style |
|--------------------|----------|---------------------|------------|---------------------|------------------------------------|---------------------|------------|
| | (MHz) | Ins. Loss Typ. (dB) | (MHz) | Rejection Typ. (dB) | (MHz) | Rejection Typ. (dB) | |
| LFCG-320+ | DC-320 | 1.0 | 660-2000 | 33 | 2000-6000 | 20 | GE0805C-2 |
| LFCG-400+ | DC-400 | 1.0 | 800-2500 | 30 | 2500-4500 | 30 | GE0805C-2 |
| LFCG-42+ | DC-435 | 2.0 | 625 | 40 | 650-2700 6000 | 30 30 | GE0805C-2 |
| LFCG-490+ | DC-490 | 1.5 | 800-960 | 50 | 960-1500 1500-3000 3000-8500 | 48 45 15 | GE0805C-2 |
| LFCG-530+ | DC-530 | 1.0 | DC-1100 | 50 | 1100-1530 | 27 | GE0805C-2 |
| LFCG-575+ | DC-575 | 1.0 | 1020-2500 | 30 | 2500-4400 | 25 | GE0805C-2 |
| LFCG-630+ | DC-630 | 1.6 | 1050-1500 | 50 | 1500-3800 | 48 | GE0805C-2 |
| LFCG-800+ | DC-800 | 1.6 | 1150-1400 | 38 | 1400-4500 4500-10000 | 47 24 | GE0805C-2 |
| LFCG-900+ | DC-850 | 1.3 | 1300-1600 | 48 | 1600-4500 4500-11000 | 26 20 | GE0805C-2 |
| LFCG-92+ | DC-990 | 0.4 | 1700 | 30 | 1800-2700 5000 | 40 50 | GE0805C-2 |

1. See individual product datasheets for more details

