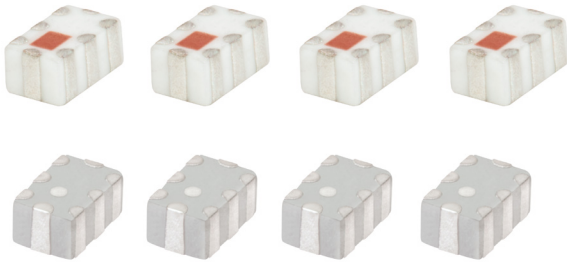




Bandpass Balun Filters



FEATURES

- Perfectly suited for WiFi, Bluetooth, Zigbee Applications
- Small size, 0805
- Rugged LTCC construction
- Excellent Power Handling, 0.5 to 2 Watts
- Good Rejection, 23-66 dB typ.
- Low Cost



PRODUCT OVERVIEW

Mini-Circuits' K1-BBFCG+ is a designer kit consisting of 10 tiny ceramic bandpass balun filter models from the BBFCG series, which cover a variety of wireless communications applications. 5 units are included per model, for a total of 50 units in the kit. BBFCG models provide low insertion loss, low phase unbalance (relative to 180°), and low amplitude unbalance. Fabricated using LTCC technology, the units come housed in a tiny, rugged ceramic package suitable for harsh operating environments.

K1-BBFCG+ ELECTRICAL SPECIFICATIONS

(10 models, 5 of each, 50 Total)

Model ¹	Passband		Stopband, Lower		Stopband, Upper		Case Style
	(MHz)	Ins. Loss (dB) Typ.	(MHz)	Rejection (dB) Typ.	(MHz)	Rejection (dB) Typ.	
BBFCG1-252+	2400-2500	1.9	DC-1800	35	3500-6600 6600-8000	44 38	GE0805C-2
BBFCG2-232+	2150-2550	1.2	-	-	3348-3748 8048-8448 9246-9646	33 66 54	GE0805C-15
BBFCG2-3275+	2875-3675	1.5	DC-1600	44	4285-6200 6200-9300 9300-10500	38 50 64	GE0805C-15
BBFCG2-352+	3150-3850	1.4	DC-2598 2598-2698	46 34	7946-9698	57	GE0805C-15
BBFCG2-362+	3250-3950	1.5	DC-2498 2498-2598 2598-2648	41 44 46	7846-9848	41	GE0805C-15
BBFCG2-3650+	3150-4150	3.2	DC-2598 2598-2698	25 23	4847-5547 6099-10048	37 35	GE0805C-15
BBFCG2-372+	3300-4000	2.5	DC-2598	23	4847-5548 7796-8498	31 31	GE0805C-15
BBFCG2-382+	3490-4190	1.5	DC-2408	40	7606-8306	38	GE0805C-15
BBFCG2-43+	3600-4400	1.5	DC-2698	44	7296-8196	51	GE0805C-15
BBFCG2-532+	5000-5700	1.9	10-3000	42	8200-11000	34	GE0805C-2

1. See individual product data sheets for more details