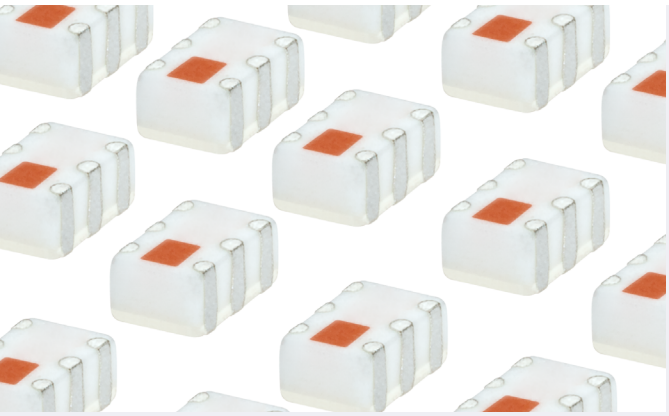
DESIGNER'S KIT K1-SCG+

Power Splitters & Combiners

50Ω 0.9 to 5.9 GHz



FEATURES

- Choice of 2-way or 3-way
- Perfectly suited for WiFi, Bluetooth, Zigbee Applications
- Small sizes down to 0805
- Rugged LTCC construction
- Excellent Power Handling, up to 2 Watts
- Low cost

MINI-CIRCUITS DESIGNER'S KITS SPEED UP THE SOLUTION

RoHS COMPLIANT

K1-SCG+ ELECTRICAL SPECIFICATIONS

(7 models, 5 of each, 35 Total)

Model	Frequency (MHz)	No. Ways	Isolation Typ. (dB)	Insertion Loss[1] Above Theoretical Typ. (dB)	Amplitude Unbalance Typ. (dB)	Phase Unbalance Typ. (deg)	Case Style
SCG-2-242+	1000-2400	2	15	0.8	0.1	1.5	GE0805C-1
SCG-2-322+	1800-3200	2	15	0.7	0.1	1.5	GE0805C-1
SCG-2-422+	2800-4200	2	16	0.9	0.1	1.5	GE0805C-1
SCG-2-592+	3800-5900	2	15	0.8	0.1	1.5	GE0805C-1
SCG-3-162+	900-1600	3	18	1.2	0.2	5.0	GE0805C-1
SCG-3-262+	1600-2600	3	17	1.2	0.4	5.0	GE0805C-1
SCG-3-592+	4400-5900	3	17	1.2	0.4	5.0	GE0805C-1

1. Theoretical loss for 2-way is 3 dB and theoretical loss for 3-way is 4.8 dB.