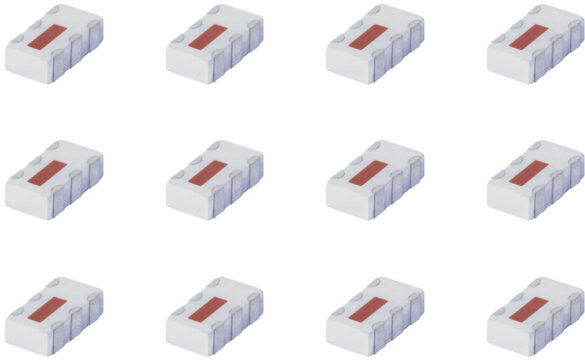




## DESIGNER'S KIT K1-QCN+

# 2WAY-90° Power Splitter/Combiners

50Ω 220 to 4500 MHz



### FEATURES

- Wideband, 50Ω,
- Low insertion loss, 0.4 dB typical
- High isolation up to 32 dB typical
- Wrap-around terminals for excellent solderability
- Ultra small ceramic cases,  
(L) 0.12" x (W) 0.60" x (H) 0.35"

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



### K1-QCN+ ELECTRICAL SPECIFICATIONS

(10 models, 2 of each, 20 total)

Model	Frequency (MHz)		Isolation (dB)		Insertion Loss (dB) Above 3.0dB		Phase Unbalance (Degrees)	Amplitude Unbalance (dB)	Input Power (W) (as a splitter)
	Low	High	Typ.	Min.	Typ.	Max.	Max.		Max.
QCN-3+	220	470	24	18	0.6	0.8	8	1.3	15
QCN-5+	330	580	20	14	0.3	0.6	8	1.3	15
QCN-7+	425	675	17	11	0.4	0.7	8	1.0	15
QCN-12+	800	1375	19	14	0.4	0.8	12	0.9	15
QCN-12A+	800	1250	17	13	0.3	0.7	5	0.8	15
QCN-19+	1100	1925	25	19	0.4	0.9	4	1.1	15
QCN-25+	1350	2450	25	18	0.4	0.9	5	1.1	15
QCN-27+	1700	2700	26	18	0.4	0.9	6	1.0	15
QCN-34+	2500	3400	32	20	0.4	0.7	4	1.2	15
QCN-45+	2500	4500	19	15	0.5	0.8	6	2.5	15

Patent Pending

