

## New Product Announcement!

# 2 Way-90° Power Splitter

QCS-592+

50Ω 3100 to 5900 MHz

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data sheet



## The Big Deal

- High Power handling (8W)
- Low Unbalance, 0.5 dB & 2 deg. typ.
- Industry leading combination of size/bandwidth

Pricing: **\$3.99** (QTY 10-49)

## Product Overview

Mini-Circuits new 90° Power Splitter, model: QCS-592+, offers an industry leading combination of operating bandwidth and size; supporting nearly an octave band in a miniature EIA-0805 form factor. The outstanding phase and amplitude unbalance make this component a versatile building block for use in a variety of systems and sub-system designs.

## Key Features

Feature	Advantages
Small Size	Offered in the EIA-0805 package size, the QCS-592+ offers an industry leading combination of size, bandwidth and frequency. The small footprint (2.0mm x1.25mm) allows for reduced parasitics in systems with improved performance and simplified layout.
Low Phase and Amplitude Unbalance	Supporting 2 deg. and 0.5 dB unbalance make this 90° hybrid applicable for use in higher level integrated components such as image reject mixers, single sideband modulators, phase shifters, variable attenuators, and balance amplifiers.
High Power Handling	Capable of operating up to 8W, the LTCC construction of the QCS-592+ makes this 90° hybrid a robust, rugged product that can be used effectively in either the transmit or receive paths.



For detailed performance specs  
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IF/RF MICROWAVE COMPONENTS

Notes: 1. Performance and quality attributes and conditions not expressly stated in this specification sheet are intended to be excluded and do not form a part of this specification sheet. 2. Electrical specifications and performance data contained herein are based on Mini-Circuit's applicable established test performance criteria and measurement instructions. 3. The parts covered by this specification sheet are subject to Mini-Circuits standard limited warranty and terms and conditions (collectively, "Standard Terms"); Purchasers of this part are entitled to the rights and benefits contained therein. For a full statement of the Standard Terms and the exclusive rights and remedies thereunder, please visit Mini-Circuits' website at [www.minicircuits.com/MCStore/terms.jsp](http://www.minicircuits.com/MCStore/terms.jsp).

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