

# New Product Announcement!

## X3 Frequency Multiplier

### RMK-3-722+

50Ω Output 4575 to 7200 MHz



CASE STYLE: TT1224

### The Big Deal

- Broadband, output frequency 4575 to 7200 MHz
- High rejection of adjacent harmonics, 55dB below the carrier, F3
- Small package size, 0.25" x 0.3"
- Low cost \$6.45, quantity of 1000

**Pricing: \$8.95 (QTY 10-49)**

### Product Overview

The RMK-3-722+ is a self contained frequency tripler that does not require external components. It is constructed using a specially designed diode quad ring configuration to enable high rejection of adjacent harmonics. The tripler is packaged in a miniature 0.3" x 0.25" case, with wrap-around terminations to enable convenient high density assembly.

### Key Features

Feature	Advantages
Broadband frequency tripler Input 1525 to 2400 MHz Output 4575 to 7200 MHz	Enables the use of low frequency VCO's and Synthesizers to provide high frequency sources at low cost.
Low conversion loss, 14 dB	Enables output power to be sufficiently high so that amplifier gain requirements following the tripler is reduced.
High rejection of adjacent harmonics, F2 and F4, 55 dB	Extremely high rejection of F2 and F4 harmonics enables a significant reduction of unwanted signals without the need for filters.
Low cost	Enables a practical solution to achieve high frequency sources from low cost, lower frequency VCO's and synthesizers.



For detailed performance specs & shopping online see web site

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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/MCLStore/terms.jsp](http://www.minicircuits.com/MCLStore/terms.jsp).