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December 2006 Product Release

For immediate release

## New High Isolation Double-Balanced Mixer from 3 to 10 GHz

Morgan Hill, CA 12/4/06 - [Marki Microwave, Inc.](#), premier supplier of microwave mixers and mixer-based components for commercial and military markets, introduces a new double-balanced mixer to the M1 series. Ideal for upconversion applications where high LO-RF isolation and high LO noise rejection is required, this product offers excellent 2nd Order Two-Tone Intercept.

The [M1-0310](#) is a double-balanced mixer with multi-octave LO/RF frequency bands from 3 to 10 GHz, IF frequency of DC to 3 GHz, 6 dB typical conversion loss and 50 dB typical L-R Isolation. A clean, unfiltered LO drive is recommended such as the Marki [A-0010](#) amplifier. Mixer available in connectorized, carrier or surface mount packages with various LO input levels from +7 to +19 dBm.

*Marki Microwave, Inc. is the premier manufacturer of microwave mixers worldwide, offering the industry's most comprehensive line of signal processing products up to 65 GHz. Marki's extensive product line includes mixers, doublers, multipliers, and specialty components ranging from amplifiers to DC blocks and bias tees. Marki Microwave employs precision assembly using both solder and wire bonding techniques. Test facilities include state-of-the-art equipment for measurement from DC to 65 GHz. All assembly, inspection, and testing is done onsite to assure uniformity and repeatability of performance. Marki Microwave is certified to ISO 9001:2000.*

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