

## News Release

*For Immediate Release*

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### **New Product Release: 2.45 / 4.95 Diplexers** Compact Lumped Element Diplexer for the 802.11/ 5 GHz Wi-Max Bands

**INDIANAPOLIS, IN. (August 12, 2009) –Trilithic, Inc.** a market leader in RF and Microwave Components has released a new series of compact lumped element diplexers designed specifically for the 802.11, 5 GHz Wi-Max bands. Featuring high isolation and low insertion loss in a 1.25"x 1.25" x 0.5" package. This diplexer combines the full 2.4-2.5 GHz and 4.9-5.9 GHz bands with a maximum insertion loss of 1.5 dB in either band, a maximum passband VSWR of 1.5:1 and a minimum of 45 dB isolation between bands. It can accommodate up to 5 W in each band simultaneously. Both connectorized and PCB mount versions are available. Other band combinations are available.



Applications include BDA's (bi-directional amplifiers) for in building coverage solutions, picocell / femtocell base stations or any other situation where minimizing the number of antennas is important.

Standard Delivery is 5-6 weeks.

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#### **ABOUT TRILITHIC:**

Trilithic, Inc. is an industry leader providing telecommunications solutions for major Broadband and RF & Microwave markets around the world. Key product groups include instruments and service assurance systems for major Broadband providers; RF and Microwave components and subsystems for cellular, military communications and many other wireless industries; and government-mandated Emergency Alert Systems used by HFC service providers and broadcasters in the United States. In all of these industries, Trilithic has earned a reputation for innovation, technical performance and flexibility in meeting customers' exacting requirements. For more information visit [www.trilithic.com](http://www.trilithic.com).

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