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ANAREN OFFERS NEW, XINGER-II® BRAND 3dB COUPLERS

Syracuse, NY, December 10, 2004 – Anaren, Inc. (NASDAQ: ANEN), a leader in wireless technology, today announced the availability of seven new Xinger-II® brand 3dB couplers for use in wireless applications. Covering 410-2700 MHz, including models optimized for CDMA2000, ISM, GSM, DCS, PCS, AMPS, 3G, UMTS, WiMAX and wireless LAN applications, the new family of hybrids offers all the performance advantages associated with the company's next-generation, Xinger-II format first introduced in Spring 2004: these include far lower insertion loss, tighter coupling tolerances, higher directivity, and better phase and amplitude balance than previously available in the industry.

"The very low insertion loss and tight balance characteristics on these 3dB couplers is particularly useful in today's balanced high-power amplifiers, low-noise amplifiers, and other signal distribution duties," says H.P. Ostergaard, the wireless product line manager in charge of Xinger-II®. He added that the components have been subject to rigorous qualification testing and are built to be "CTE compatible with substrates like FR4, G-10, RF-35, and RO4350."

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Specifications for the new part numbers: XC0900P-03, XC0900E -03, XC1900E-03, XC2100E-03, XC2500E-03, XC0450L-03, XC0900L-03, and include:

Performance characteristics / features	Specification highlights
Insertion loss (dB max.)	As low as 0.12
+/- Amplitude balance (dB max.)	From 0.10
+/- Phase balance (deg., max.)	From 2.0
Isolation (dB min.)	From 20.0
VSWR (max:1)	From 1.12
Avg. power (W, max.)	Up to 225
Manufacturing features... a) larger pads & gaps b) lead and no-lead models available, all model numbers c) complete documentation	a) increased tolerance of variations in OEM pick-and-place process b) to match OEM position on emerging environmental standards c) smooth design-in and part certification

Beyond performance metrics, Ostergaard added, the new Xinger-II brand 3dB components provide the significant manufacturability improvements the Xinger-II line is fast becoming known for. These include larger pads at key soldering points, to better allow for variations in an OEM's pick-and-place process; both lead and non-lead models, to match a customer's current position relative to emerging environmental standards; and the company's most thorough documentation, which simplifies part-certification and migration from previous Anaren hybrids.

"We listened hard to our customers," says Ostergaard. "And we responded."

Like all Anaren "off-the-shelf" components, the new Xinger-II 3dB couplers are also backed by the Anaren-exclusive 100% On-Spec™ guarantee and B-There™ service commitment that ensures on-time delivery. Samples are also available within 24 hours for qualified prototype work.

ABOUT ANAREN:

An innovation-driver in its market segment, Anaren, Inc. designs, manufactures, and sells complex microwave signal distribution networks and components for the wireless communications, satellite communications, medical, optics, automotive, and defense electronics markets. To learn more, visit www.anaren.com