



PCT International, Inc.

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## FOR IMMEDIATE RELEASE

### PCT to Introduce MoCA Optimized Drop Amplifiers at SCTE Cable Tec Expo

TEMPE, AZ, USA – October 21, 2009 – PCT International, a leading worldwide manufacturer of last mile and access network solutions for broadband communications networks, today announced the introduction next week of a full line of subscriber amplifiers that are designed to optimize use of the Multimedia over Coax (MoCA) standard for in-home networking.

At its booth (#13089) at the Society of Cable Telecommunications Engineers' Cable-Tec Expo, PCT International will show how its drop amplifiers with MoCA filters effectively isolate home networking frequencies above 1 GHz from legacy cable telecommunications frequencies, minimizing signal loss and simultaneously maximizing voice, video and data service quality and home networking performance.

"MoCA allows MSOs to provide advanced services such as multi-room DVRs and faster connectivity to take advantage of higher bandwidth with DOCSIS® 3.0," said Jon Wang, Vice President, RF Engineering for PCT International. "While the MoCA standards themselves have become pivotal in most discussions related to home networking, the role of the drop network architecture is crucial to the end result. Our engineering teams have worked closely with major cable system operators to create an innovative technological approach that simplifies installation and ensures the best possible in-home experience."

Available with or without integrated modem ports, PCT International's drop amplifiers with MoCA filters use low pass filters to confine the 1125-1525 MHz MoCA signals to the home network, and to ensure the low port-to-port isolation that minimizes loss of MoCA networking signals. The amplifiers also are designed to use forward path equalization to account for the loss of cable signal quality in the drop.

In the integrated modem port versions, a MoCA bypass connection enables in-home networking between the eMTA, set-top boxes and networked devices. The bypass version also has a passive RF link to the eMTA to ensure connectivity in the event of power or amplifier failures.

The bypass version is available in 4- and 8-port configurations. The standard versions, without the integrated modem port, is available in 1- and 4-port configurations, and with both active and passive reverse paths. An 8-port configuration of the standard version is available on request.

#### **About PCT International, Inc.**

PCT International, Inc. and its holding company, Andes Industries, Inc., is a leading worldwide manufacturer of last-mile products for broadband communication networks. PCT focuses on innovative and cost-effective solutions that allow service providers to improve system integrity and expansion of their service offerings. PCT's portfolio includes transmission and connectivity products for the broadband, CATV, satellite and structured wiring markets. PCT is headquartered in Tempe, Arizona, and has over 1,500 employees. PCT maintains multi-international locations to support worldwide manufacturing, logistics, and distribution of its products and services. For more information, please visit [www.pctinternational.com](http://www.pctinternational.com).

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