

Sumitomo Electric Develops New Coaxial Laser Diode Module for High Bandwidth Wireless Applications

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Sumitomo Electric Industries, Ltd.

Tokyo, Japan, August 28, 2008 — Sumitomo Electric Industries, Ltd. (TOKYO: 5802) (ISIN: JP3407400005), today announced that it has developed a new coaxial laser diode module capable of supporting high frequency bandwidth applications.

With the addition of the newly-designed model, Sumitomo Electric's family of coaxial laser diode modules will be capable of supporting a broader frequency range, from 2GHz to 5GHz. The modules are used in mobile base station communication systems. Presently, bandwidth requirements are increasing due to two factors. The first is the growing demand for upgrading of existing communications systems, such as upgrade to digital CWDM. The second is the emergence of new applications, among which is the very promising Worldwide Interoperability for Microwave Access (WiMAX). In wireless applications, Sumitomo Electric's new coaxial laser diode module is capable of supporting such upgrades and new applications.

WiMAX supports three frequency bands (2.5GHz, 3.5GHz and 5.8GHz), as is defined in the IEEE 802.16-2004 specifications. The new coaxial laser module can support both the 3.5GHz and 5.8GHz bands.

One of the key features of the new module is its capability to achieve a 5GHz bandwidth. Its experience with various assembly and packaging techniques for a variety of modules such as 10G TOSAs has enabled Sumitomo Electric to successfully develop a high frequency diode for new mobile applications. As a result of redesigning the built-in isolator, there is an improvement in reflection and also a reduction of parasitic capacitance.

Sumitomo Electric's new coaxial laser diode module will be available for sampling in Q3 2008 and for sale by the end of CY2008.

About Sumitomo Electric Industries, Ltd.

Sumitomo Electric Industries, Ltd. designs, manufactures and sells optical fiber, cable and components, advanced electronic devices, and automotive parts. Through a successful strategy of research and diversification, Sumitomo Electric has become one of the world's leading companies at the forefront of the revolution in information and communications. The company has operations around the world in more than 30 countries and employs over 150,000 people. Sumitomo Electric reported group net sales of \$25.3 billion for the year ended March 2008.

www.sei.co.jp/index.en.html

About ExceLight Communications

ExceLight Communications, Inc., a subsidiary of Sumitomo Electric Industries, is a leading provider of optical components and modules to the telecom, CATV, broadband, and data communications markets. ExceLight offers a comprehensive array of transceivers, transmitters, receivers, lasers, photodiodes, and passive components.

Sumitomo's world-class research and manufacturing capabilities in optical technology continue to expand and strengthen the product portfolio while maintaining industry leading levels of reliability. ExceLight focuses on the "Americas" (geographically) and the well-established global presence of Sumitomo allows integrated support to customer facilities throughout the world.

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