



News Release

March 7, 2011

Sumitomo Electric and Ixia to Demonstrate 40 GbE CFP Transceiver for Distances up to 40 km at OFC 2011

Los Angeles, CA – March 7, 2011 — Sumitomo Electric Industries, Ltd., a leading global provider of advanced optical solutions, and Ixia, a major provider of converged IP network test solutions, will be conducting a joint 40 Gigabit Ethernet (40 GbE) CFP demonstration in Sumitomo Electric's booth (1624) during the OFC/NFOEC 2011. The demonstration will showcase Sumitomo Electric's 40 GbE CFP optical transceiver for 40 km reach and Ixia's "K2" high-speed Ethernet interfaces.

"This demonstration will prove the viability of extended 40 GbE links using 1310 nm sources," said Ichiro Kono, general manager of Optical Components Division of Sumitomo Electric Device Innovations, Inc. "It will pave the way for a rapid commercial development of 40 GbE systems."

Sumitomo Electric has already released the 40 GbE CFP optical transceiver for 10 km reach and, in addition, has developed the world's first 40 GbE CFP (transceiver) for 40 km reach by using a high-speed 4-wavelength CWDM laser diode for the optical transmitter and a high-speed avalanche photo diode for the optical receiver. The

maximum power consumption is compliant with CFP MSA power class 1 (8 W max.) at a comparable level of that of the 40 GbE CFP for 10 km reach.

Sumitomo Electric is sampling the 40 GbE CFP for 40 km reach ahead of the mass production planned for the 4th quarter of 2011. The mass production will be done at Sumitomo Electric Device Innovations, Inc., a wholly owned subsidiary of Sumitomo Electric.

Visit Sumitomo Electric at OFC/NFOEC Booth 1624. Visit Ixia at Booth 1253.

About Sumitomo Electric Industries, Ltd.

Sumitomo Electric Industries, Ltd. designs, manufactures and sells optical fibers/cables/components, advanced electronic devices, and automotive parts. Through the successful strategies 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. Sumitomo Electric'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. The company has global operations in more than 30 countries and employs 150,000 people. Sumitomo Electric reported the group net sales of \$20 billion for the year ended March 2010.

<http://global-sei.com>

About Sumitomo Electric Device Innovations, Inc

Sumitomo Electric Device Innovation, Inc. (SEDI), a subsidiary of Sumitomo Electric

Industries, Ltd., was launched as a new company in August 2009 by integrating the wireless and optical transmission device business of Sumitomo Electric and Eudyna Device, Inc. SEDI designs and manufactures optical/wireless components, telecommunication subsystems, CATV and broadband data communication related products. SEDI is one of the world's leading companies in the optical communication components market while also providing various solutions in other fields including mobile communications, consumer-use applications and automobile markets.

<http://www.sedi.co.jp/e/>

About Ixia

Ixia is a leading provider of converged IP performance test systems and service verification platforms for wireless and wired infrastructures and services. Ixia's test systems are used by network and telephony equipment manufacturers, semiconductor manufacturers, service providers, governments and enterprises to validate the performance and reliability of complex networks, devices and applications. Ixia's multiplay test systems address the growing need to test voice, video and data services and network capability under real-world conditions. www.ixiacom.com

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