

## **News from Sumitomo Electric Industries, Ltd.**

For Immediate Release

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### **Sumitomo Electric Extends the Reach of a 40GbE Optical Transceiver to 40km**

Tokyo, Japan, September 16, 2010 — Sumitomo Electric Industries, Ltd. (TOKYO: 5802) (ISIN: JP3407400005), a leading provider in advanced optical solutions, today announced that it is expanding its optical transceiver portfolio with the introduction of a 40GbE optical transceiver for 40km reach.

The optical transceiver that Sumitomo Electric developed complies with the CFP Multi-Source Agreement (MSA) hardware and software specification and is capable of supporting 40km link distance over standard single mode fiber.

In order to alleviate future core network bandwidth shortage due to the rapid growth of the IP traffic volume, The Institute of Electrical and Electronics Engineers (IEEE) has standardized 40Gigabit and 100Gigabit Ethernet under the 802.3ba Task Force. In parallel, Sumitomo Electric has been leading the CFP MSA for next generation form factor with 3 major optical component vendors.

Sumitomo Electric has already released the 40GbE CFP optical transceiver for 10km reach and in addition, developed the world's first 40GbE CFP for 40km reach by using a high speed 4-wavelength Coarse Wavelength Division Multiplexing (CWDM) laser diode for the optical transmitter and a high speed avalanche photo diode for the optical receiver. Maximum power consumption is compliant with CFP MSA power class 1 (8W max.) and it is the same value as the 40GbE CFP for 10km reach.

Sumitomo Electric is planning to start shipping 40GbE CFP samples for 40km reach in the 1<sup>st</sup> quarter of 2011 and mass production is planned for the 4<sup>th</sup> quarter of 2011. The mass production will be done at Sumitomo Electric Device Innovations, Inc. a 100% owned subsidiary of Sumitomo Electric.

Sumitomo Electric will showcase its 40GbE CFP 40km module at ECOC 2010 in Italy this month. Please visit us at booth #219.

**About Sumitomo Electric Industries, Ltd.**

Sumitomo Electric Industries, Ltd. designs, manufactures and sells optical fibers/cables/components, advanced electronic devices, and automotive parts. Through 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 group net sales of \$20 billion for the year ended March 2010.

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