

## SUMITOMO ELECTRIC INDUSTRIES AND JDSU TEST & MEASUREMENT DEMONSTRATE ERROR-FREE 100GE TRAFFIC TRANSMISSION

**Milpitas, Calif., March 3, 2010** – Sumitomo Electric Industries, Ltd. and JDSU today announced the successful transmission of IEEE-compliant 100GE optics, an important milestone for the feasibility of pluggable optics for 100GE. This achievement included transmitting and receiving Ethernet traffic at 100GE through a Sumitomo LR4 100GE [CFP Multi-Source Agreement](#) (CFP MSA) compliant optical module using the JDSU Optical Network Test instrument (ONT).

The demanding test environment showed the Sumitomo Electric 100GE LR4 CFP module's ability to transport a range of traffic from PRBS and PCS to Ethernet. The test validates both the functionality and performance of the Sumitomo 100GE LR4 CFP as well as the test applications available in the JDSU ONT.

"We are pleased to announce the successful operation of our 100GE LR4 CFP modules. We are planning to enhance our emerging high-end product line such as 40G and 100G by leveraging our vertically integrated optical device and components," said Ichiro Kono, General Manager of Optical Components Division, Sumitomo Electric Device Innovations.

JDSU 100GE test solutions, which support testing from the photonic layer through L3 Ethernet traffic, are gaining widespread acceptance by network equipment, component, and subassembly manufacturers and service providers in North America, Europe and the Asia Pacific region.

"We are delighted to have Sumitomo select the JDSU ONT 100G to help them bring this important technology to market," said Dave Holly, president of JDSU's Communications Test and Measurement business segment. "This partnership is also further validation of JDSU's strong relationships across the 100G ecosystem that allow us to help manufacturers bring their solutions to the market on time and on budget, ensuring the reliable delivery of 100GE."

The JDSU 100GE test suite evaluates and verifies components, subassemblies and network equipment and will be able to help service providers ensure reliable performance on new network builds.

### **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. 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 operations around the world in more than 30 countries and employs 150,000 people. Sumitomo Electric reported group net sales of \$22 billion for the year ended March 2009. <http://global-sei.com>

### **About Sumitomo Electric Device Innovations, Inc**

Sumitomo Electric Device Innovation, Inc. (SEDI), a subsidiary of Sumitomo Electric Industries, was launched as a new company in August 2009 by integrating the wireless and optical transmission device business of Eudyna Device, Inc. and

Sumitomo Electric Industries, Ltd. SEDI designs and manufactures optical/wireless components, subsystem to Telecom, CATV, broadband data communication and wireless market. SEDI is one of the world's leading companies in the optical communication components market while also providing various solution in other areas, such as mobile communication, consumer-use application and automobile market. <http://www.sedi.co.jp/e/>

**About JDSU**

JDSU (NASDAQ: JDSU; and TSX: JDU) enables broadband and optical innovation in the communications, commercial and consumer markets. JDSU is the leading provider of communications test and measurement solutions and optical products for telecommunications service providers, cable operators, and network equipment manufacturers. JDSU is also a leading provider of innovative optical solutions for medical/environmental instrumentation, semiconductor processing, display, brand authentication, aerospace and defense, and decorative applications. More information is available at [www.jdsu.com](http://www.jdsu.com).

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