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ExceLight to Demonstrate New Range of 10G Transceivers at OFC

DURHAM, N.C. - ExceLight Communications, a U.S.-based unit of Sumitomo Electric Industries, will demonstrate several new XFP and X2 10-Gb/s pluggable transceivers at the OFC 2004 in Los Angeles , February 24-26.

At booth 1609 in the Sumitomo Electric Pavilion, ExceLight will demo the 40-km SXP3101S5 XFP transceiver for SONET OC-192 IR-2 applications. A companion SXP3101EX for 10GBASE-ER is also available. These are the first XFP models on the market that can operate up to 70 degrees C. The modules use Sumitomo's temperature-controlled 1550-nm EML TOSA and PIN-TIA ROSA. They feature a newly developed mini thermoelectric cooler (TEC), which requires only 60% of the power used by a conventional TEC.

ExceLight is already shipping samples of these 40-km products, as well as 10-km versions, the SXP3101N1 for SONET SR-1 and SXP3101LX for 10GBASE-LR. Scintera Networks (booth 4050) will feature ExceLight's new X2 transceiver in a multi-vendor interoperability demonstration showing transmission over 300 meters of legacy multimode fiber. The SDX4101SH X2 transceiver incorporates Scintera's SCN3142 Electronic Dispersion Compensation (EDC) IC. EDC has proven to be drastically lower in cost and power consumption than LX4-based alternatives. The IEEE802.3 committee recently formed a study group aiming to standardize the EDC-based solutions. The X2 transceiver also uses Sumitomo's uncooled 1310-nm FP laser TOSA and PIN-TIA ROSA.

Prototype samples of SDX4101SH are planned to be available during the second quarter of 2004. At the same time, ExceLight plans to start volume production of the 10-km version of the X2 transceiver -- SDX4101LR for 10GBASE-LR -- that has already been sampled.

ExceLight will expand its pluggable transceiver line throughout 2004 to satisfy a wide range of application needs. The latest product roadmap will be available at its booth.

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. The well-established global presence of Sumitomo allows us to provide integrated support to customer facilities throughout the world.
www.excelight.com.

About Sumitomo Electric Industries

Sumitomo Electric Industries, Ltd. (TSE: 5802) designs, manufactures and sells optical fiber, cable and components, advanced electronic devices, and automotive parts. Through a successful strategy of research and diversification, SEI 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 25 countries and employs 80,000 people. SEI reported group net sales of 1,489 billion yen for the year ended March 2003. www.sei.co.jp