

## News from ExceLight Communications

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### **ExceLight introduces 850-nm short-reach Ethernet and Fibre Channel transceivers**

Durham, NC—ExceLight Communications, a U.S.-based unit of Sumitomo Electric Industries, announced immediate availability of 850-nm VCSEL-based Gigabit Ethernet (GbE) and Fibre Channel (FC) small form pluggable (SFP) transceivers for very-short-reach applications. Sumitomo Electric is providing this product-line extension through an ongoing partnership with Picolight Incorporated. “As industry leader in VCSEL technology, Picolight helps us accelerate our ability to provide our customers with a full range of optical products,” stated Harry Takada, General Manager, Photo-Electron Products Div. of Sumitomo Electric.

“Our customers already depend on us for their long-reach and SONET applications and we now can meet their in-building short-reach needs,” said Kevin Green, COO of ExceLight. “Customers want multiple reaches, unique feature sets and high levels of quality. Our partnership with Picolight gives us optical components in our new 1000BaseSX transceivers.”

“Picolight has a proven track record in oxide VCSELs,” said Neil Cannon, Senior Director, Product Management of Picolight. “With over 5 billion hours of reliability data behind our technology, Sumitomo customers can count on these products having long life and predictable operation.” Picolight offers wide range of TOSA and ROSA optical subassemblies.

The SCP6584/6586 SFP transceivers broaden ExceLight’s transceiver product portfolio to include all speeds and applications from GbE, FC, 2FC to SONET OC-3/12/48 for short, intermediate, or long-reach applications. Options include multi-rate capability, digital diagnostics, extended temperature operation, and MSA or bail-type actuators. The new transceivers meet or exceed 1000BaseSX for Gigabit Ethernet and the 100/200-M5/M6-SN-I for Fibre Channel multimode fiber applications. All the transceivers comply with the industry standard SFP MSA mechanically and electrically.

## Product Details

Product details are shown at the below table. All of them are available now.

Part Number	Applications	General Specification
SCP6584-GL-CN	FC/GbE	-5 to 70degC, Vcc+/-5%, w/o DDM
SCP6584-GL-CT		-20 to 85degC, Vcc+/-5%, w/o DDM
SCP6584-GL-CNH		-5 to 70degC, Vcc+/-5%, w/ DDM, Int. Cal.
SCP6584-GL-CTH		-20 to 85degC, Vcc+/-5%, w/ DDM, Int. Cal.
SCP6586-GL-CN	FC/GbE/2FC	-5 to 70degC, Vcc+/-5%, w/o DDM
SCP6586-GL-CT		-20 to 85degC, Vcc+/-5%, w/o DDM
SCP6586-GL-CNH		-5 to 70degC, Vcc+/-5%, w/ DDM, Int. Cal.
SCP6586-GL-CTH		-20 to 85degC, Vcc+/-5%, w/ DDM, Int. Cal.

### 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](http://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](http://www.sei.co.jp).

### About Picolight Inc.

Picolight is a rapidly growing, private, venture-backed company that designs and manufactures high-speed optoelectronic components and subsystems for original equipment manufacturers (OEMs) of networking equipment. The company provides transceiver subsystems for short-reach (1-meter to 80-kilometer) optical-networking connections, including optical switch interconnect, optical enterprise and storage area networks (SANs), and optical metro/access networks. From rack-to-rack and to the network edge, Picolight's fiber link technology delivers cost-effective bandwidth for capacity-constrained networking equipment. Picolight is located in Boulder, Colo. and employs a staff of 100.

[www.picolight.com](http://www.picolight.com)