

## News from ExceLight Communications

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### **EDC Vendors Highlight Interoperability with ExceLight SFP+ Transceivers**

Durham, NC—SFP+ LRM transceivers from ExceLight Communications Inc., a subsidiary of Sumitomo Electric Industries (SEI), will form the basis for interoperability demonstrations of leading suppliers of electronic dispersion compensation (EDC) chips at OFC/NFOEC in Anaheim on March 27 to 29.

Aeluros, AMCC, Broadcom, ClariPhy, and Vitesse will each be showcasing their newest EDC capabilities with live demonstrations featuring transceivers from several vendors, including ExceLight's new SFP+ 10GBASE-LRM transceiver, which is also being introduced at the show.

The SFP+ is a new transceiver form factor for 10 Gb/s applications. It achieves compact size, in part, by moving EDC and PHY functions outside the device. EDC is essential to allow 10 gigabit Ethernet to achieve LRM distances over multimode fiber.

"Demonstrating interoperability is essential to widespread adoption of any product," said Eddie Tsumura, vice president of marketing at ExceLight. "Our goal is to help drive SFP+ adoption by working with companies involved in EDC and PHY solutions to ensure the widest compatibility."

"We are happy to announce this interoperability demonstration between our low power EDC/SerDes devices and ExceLight's newly introduced low power SFP+ for 10GBASE-LRM applications," said Stefanos Sidiropoulos, CEO of Aeluros. "This type of intensive interoperability testing is not only critical towards providing inputs for finalizing the SFP+ MSA specification, but also verifies that our EDC engine is fully compatible with ExceLight's linear SFP+ module."

"AMCC has been committed to SFP+ as a cost-effective 10GE solution since the very beginning. We are offering multiple products for SFP+ 10GBASE-R and 10GBASE-LRM applications to enable rapid adoption of this technology," said Mitch Kahn, VP of Marketing, Transport Products, AMCC. "Interoperability demonstrations such as this prove that SFP+ is rapidly becoming a mainstream technology. We are very pleased to showcase our QT2035S and dual channel QT1215 as part of the demonstration."

"The Broadcom® BCM8706 all DSP-based EDC transceiver (XAUI to SFI) is designed for LRM and SFP+ applications and was tested with the Sumitomo SPP5101LM LRM SFP+ module. The combination of Broadcom's EDC transceiver with Sumitomo's LRM module resulted in significantly better sensitivity as defined by the IEEE LRM standard for all three LRM stressors over SFI channels with minimum and maximum allowed loss as defined by the SFF-

8431 (SFP+)," said Dr. Ali Ghiasi, Senior Principal Scientist for Broadcom Corporation and SFF-8431 Technical Editor. "The successful joint interoperability of our all DSP-based EDC transceiver with Sumitomo's high volume SFP+ module is a milestone towards mass deployment of 10 Gigabit Ethernet solutions."

"ClariPhy's and ExceLight's successful collaboration is evident in the industry-leading performance we are demonstrating at OFC", said John O'Neill, vice president of marketing at ClariPhy. "Pairing our all-digital MLSD EDC Transceiver with ExceLight's SFP+ LRM modules is a best of breed combination."

"The ExceLight SFP+ LRM module and the best-in-class, production ready Vitesse EDC provide a wide performance margin across the LRM requirements" according to Gary Paules, Product Marketing Manager at Vitesse. " The module and EDC combination easily met the most difficult 220m split symmetric stressor by at least 4dB including the worst case 8" FR4 stripline loss channel. The margin with pre and post stressors is even greater. We are confident that our interoperability tests with ExceLight will help convince the industry of the viability of the SFP+ module in the challenging LRM application."

Visitors to OFC/NFOEC can see the ExceLight SFP+ transceivers in live EDC interoperability demonstrations at Aeluros, AMCC, Broadcom, ClariPhy, and Vitesse.

#### **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 ExceLight to provide integrated support to customer facilities throughout the world. [www.excelight.com](http://www.excelight.com)

#### **About Sumitomo Electric Industries, Ltd.**

Sumitomo Electric Industries, Ltd. (SEI) 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 125,000 people. SEI reported group net sales of \$17 billion for the year ended March 2006. [www.sei.co.jp](http://www.sei.co.jp)