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Finisar Introduces Flextune Feature for Wavelength-Tunable Optical Transceivers

Finisar to promote Flextune feature, UltraSpan Optical Amplifiers and 200G Coherent Transceivers at SCTE 2017

SUNNYVALE, Calif., Oct. 17, 2017 (GLOBE NEWSWIRE) -- Finisar (NASDAQ:FNSR) today introduced Flextune™, a new hardware configurable feature for wavelength-tunable optical transceivers. The Flextune feature significantly simplifies deployment of Dense Wavelength Division Multiplexing (DWDM) transceivers in Remote PHY access networks constructed by Multiple System Operators (MSOs). Finisar will display Flextune as well as UltraSpan® Optical Amplifiers for Remote PHY access networks and 200 Gb/s coherent optical transceivers for business services during the SCTE Cable-Tec Expo this week in Denver, Colorado in Finisar's booth #1074.

The industry-first Flextune feature by Finisar allows up to 96 wavelength-tunable optical transceivers in a Remote PHY network to self-configure their wavelengths to operate over the DWDM infrastructure without input from the host equipment nor intervention from technicians. Technicians simply insert the universal transceivers into any host port in the headend equipment and remote PHY nodes, and connect them to any of the optical multiplexer ports with fiber optic patch cables. Firmware contained in the transceivers determines the proper wavelengths to link the headend equipment to each Remote PHY node.

"Wavelength-tunable optical transceivers with the Flextune enhancement significantly reduce operational expenditure for MSOs when deploying Remote PHY networks," stated Shawn M. Esser, Director of Product Management at Finisar. "Cable operators only need to stock one universal wavelength-tunable transceiver compared to stocking many different fixed-wavelength modules. Flextune capability reduces configuration time of the transceivers for a link from hours to minutes. In addition, it simplifies installations because technicians do not have to trace fibers from the optical multiplexer to the Remote PHY nodes, which could be a distance of 2km or longer."

Finisar's 10 Gb/s wavelength-tunable duplex and dual-band bidirectional (BiDi) transceivers will offer the Flextune feature. The latter was introduced last month as the industry's first tunable dual-band BiDi SFP+ transceiver which fits a pair of wavelengths into each port of standard 100GHz DWDM multiplexers and de-multiplexers. This allows 80 wavelengths to be deployed over existing 40-wavelength DWDM networks, increasing the data capacity from 200 Gb/s to 400 Gb/s in each direction over a single fiber without replacing the entire infrastructure. Because it only has one optical connection for the pair of wavelengths, the BiDi transceiver also reduces the number of fiber optic patch cables by a factor of two, simplifying installation and saving space.

During SCTE next week, Finisar will also display market-leading UltraSpan optical amplifiers which extend reaches of Remote PHY access networks to 80km and longer, and coherent optical solutions that can deliver up to 200 Gb/s on a single optical wavelength to enterprises. For more information about these products, visit our website.

About Finisar
Finisar Corporation (NASDAQ:FNSR) is a global technology leader for fiber optic subsystems and components that enable high-speed voice, video and data communications for telecommunications, networking, storage, wireless, and cable TV applications. For more than 25 years, Finisar has provided critical optics technologies to system manufacturers to meet the increasing demands for network bandwidth and storage. Finisar is headquartered in Sunnyvale, California, USA with R&D, manufacturing sites, and sales offices worldwide. For additional information, visit www.finisar.com.

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