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Proximion Expands FBG-based Tunable Dispersion Compensation Module Product Portfolio

Due to customer demand for wider tunability at 10 and 40 gigabit applications, Proximion increases tunability ranges for improved flexibility and continuous dispersion compensation

Kista, Sweden, March 17, 2010 – [Proximion Fiber Systems AB](#), a leader in Fiber Bragg Gratings (FBG)-based Dispersion Compensation Modules (DCMs), today announced the addition of two new versions of its [Tunable Dispersion Compensation Module](#) (TDCM). Utilizing the company's proprietary FBG technology, both modules provide customers with increased flexibility while offering wider continuous tunability ranges to meet growing network needs.

Driven by customer demand for increased tunability, the new TDCM module offers a tunable range of +/-1400 ps/nm at a bandwidth operation of 45 GHz. Operating at the same 45 GHz bandwidth, Proximion's second new module version enables customers to achieve full flexibility while reaching truly colorless tuning over +/- 1200 ps/nm. With a low power consumption of 1.5 watts, low loss and wide bandwidth, Proximion's newest TDCM modules easily support the growing need for high performance dispersion compensation for 10G and 40G applications.

"Application needs and bandwidth requirements are always changing," said Stefan Ekman, CEO of Proximion. "At Proximion, we work very closely with our customers to ensure we are adapting and providing them with the full product range necessary to achieve the highest dispersion management possible."

Proximion will be exhibiting at OFC/NFOEC next week in booth number 2930.

About Proximion Fiber Systems AB

Proximion Fiber Systems AB is a world-class provider of optical modules and sub-systems based on Fiber Bragg Grating (FBG) technology. By combining these unique optical devices with the truly innovative skills of our team, Proximion contributes to our customers' and partners' success in a variety of markets.

As an example Proximion today holds the markets widest FBG based portfolio of Dispersion Compensation Modules (DCM). The portfolio ranges from single channel modules to complex continuous band modules which are as an example used to eliminate the residual slope of Sub Marine Networks. The portfolio also ranges from passive easy to use modules such as the patch-cord DCM to active components such as the colorless Tunable DCM for 40 Gb Networks.

The founding team of Proximion has pioneered design, manufacturing, and application of advanced FBGs. Proximion's unique and patented method enables manufacturing of FBGs

with virtually any filter characteristics. Proximion is a privately held company headquartered in Kista, Sweden.

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