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WaveSmart PowerNode Offers Custom Configurability for Optical Signal Relay

Clearfield extends product offerings to new powered product platform

MINNEAPOLIS--(BUSINESS WIRE)-- [Clearfield, Inc.](#) (NASDAQ:CLFD) announced today the introduction of the WaveSmart platform of powered optical signal products. First in a series, the WaveSmart PowerNode 1550 EDFA offers custom wavelengths and user-defined power output levels for the distribution of optical signals and long distance transmission relay in conjunction with the 1550nm optical transmitters for CATV and FTTH systems. WaveSmart is designed to complement Clearfield's FieldSmart Platform of Fiber Management solutions.

The WaveSmart PowerNode 1550 EDFA features low noise figure, high gain, optimized structure and high reliability for 1550nm optical transmission networks. The internal microprocessor is designed to provide real-time monitoring and control for the operating status of the pump and input/output optical power. Warning information will be generated in case of amplifier failure and in critical condition, the pump laser will be automatically switched off when no optical power is available. Custom wavelengths and user-defined power output levels are available and will ship within three weeks of order.

"As our FTTH customers have deployed their triple-play networks, they've come to recognize Clearfield for our ability to listen to challenges and respond with solutions that match their unique needs," explained Cheri Beranek Podzimek, president and CEO of Clearfield. "The WaveSmart platform is an extension of our commitment to providing the products our customers need to deliver fiber to the inside plant, outside plant and access networks."

"The delivery of triple play services is forcing service providers to look for ways to deploy custom configurations in a nimble and cost-effective manner," continued Johnny Hill, COO of Clearfield. "We're pleased to partner with some of the industry's best suppliers of optical transmission gear to package these cost-effective alternatives."

Additional Information and Availability

Additional features and specifications are available at www.ClearfieldConnection.com. The WaveSmart PowerNode 1550 EDFA is currently available for shipment.

About Clearfield, Inc.

Clearfield, Inc. designs and manufactures the WaveSmart PowerNode and FieldSmart Fiber Management Platform, which includes its latest generation FieldSmart Fiber Distribution System (FDS), FieldSmart Fiber Scalability Center (FSC) and FieldSmart Fiber Delivery Point (FDP) series. The FDS, FSC and FDP product lines support a wide range of panel configurations, cabinet and wall mount panel sizes, densities, connectors and adapter options, and are offered alongside an assortment of passive optical components for the

inside plant, outside plant and access networks. Clearfield also provides a complete line of fiber and copper assemblies. Clearfield is a public company, traded on NASDAQ:CLFD.

Source: Clearfield, Inc.