

Clearfield Launches New FieldSmart Fiber Active Cabinets

Fiber-optimized outdoor cabinets meet rigorous demands to accommodate integration of any active component

MINNEAPOLIS--(BUSINESS WIRE)-- [Clearfield, Inc.](#) (NASDAQ:CLFD), the specialist in fiber management for communication service providers, today announced the new FieldSmart[®] Fiber Active Cabinet (FAC) product line for outdoor enclosures—expanding its impressive portfolio of active and passive enclosures. Blending fiber-optimization with capacity for any active components in a Telcordia GR-487 tested outdoor enclosure, Clearfield is positioned to address emerging applications like Multi-access Edge Compute (MEC), requiring low-latency fiber connections at the edge of the network in a secure location.

“Current and future broadband technologies require active equipment be placed deeper in the network. These same technologies require that fiber be placed right there alongside them to quickly transport and backhaul content with the lowest latency possible,” said Johnny Hill, Clearfield’s chief operating officer. “Our customers are expanding their fiber networks, preparing to meet the insatiable bandwidth demands from new technologies like 5G and the Internet of Things (IoT). So, having one partner that’s able to work with them on any deployment is a benefit.”

“Over the last few decades, cabinets once thought to provide extensive services became obsolete or unusable as supplier technologies advanced, leaving customers with stranded investment,” said Brent Stucker, co-owner of Datacom Solutions. “With the FieldSmart Fiber Active Cabinet universal approach, service providers not only get cost-effective and proven deployment capabilities but also position themselves to prepare for the unforeseen needs of the future.”

The [FieldSmart Fiber Active Cabinet \(FAC\)](#) is designed with the philosophy of modularity and flexibility, while maintaining a maximum cooling capability for the active electronics investment. Designed, tested and certified to meet Telcordia GR-487, the FAC is the ideal outdoor cabinet solution for the harshest outdoor conditions, providing a sealed internal environment where external air and humidity are completely isolated from the electronic equipment. The FieldSmart FAC product line includes the following elements.

- [FieldSmart FAC 400](#) features a 19” vertical frame, accommodating up to 4RU of active electronics and 192 internal fiber distribution ports for deployment.
- [FieldSmart FAC 900](#) features a 19” vertical frame that can accommodate up to 9RU of active electronics and up to 576 internal fiber distribution ports for deployment.
- [FieldSmart FAC 3200](#) features two front and rear 16RU 23” frames that can accommodate up to 32RU of active electronics while providing up to 432 internal fiber distribution ports for deployments.

- **FieldSmart FAC 5400** features two swing frame front and rear 27RU 23" frames that can accommodate up to 54RU of active electronics and provides up to 960 internal fiber distribution ports for deployments.

All four FieldSmart Fiber Active Cabinet additions are designed to accommodate the variety of standard options expected in remote cabinets, such as the rectifier system, battery warmers and field upgradeable fiber bulkheads. The FieldSmart FAC products are scheduled for general availability March, 2019. More information can be found in the associated data sheets at www.SeeClearfield.com.

About Clearfield, Inc.

Clearfield, Inc. (NASDAQ: CLFD) designs, manufactures and distributes fiber optic management, protection and delivery products for communications networks. Our "fiber to anywhere" platform serves the unique requirements of leading incumbent local exchange carriers (traditional carriers), competitive local exchange carriers (alternative carriers), and MSO/cable TV companies, while also catering to the broadband needs of the utility/municipality, enterprise, data center and military markets. Headquartered in Minneapolis, MN, Clearfield deploys more than a million fiber ports each year. For more information, visit www.SeeClearfield.com.

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