

NEWS FROM FEATURED EXHIBITORS

ANTRONIX'S LATEST NETWORK EXPANSION SOLUTION COMES TO MARKET

ANTRONIX®

Antronix, the market leading designer and manufacturer of broadband service products in North America, has announced its Inverse Fiber Amplifier (IFA) is now available to help cable customers resolve end-of-line challenges. The DOCSIS 3.1-compatible IFA extends and broadens network reach by converting RF signal into optical signal – simplifying and economizing service extension in rural and other areas where subscribers are spread wide.

The IFA is a high-output and low-distortion fiber connection that will expand existing HFC infrastructure by more than 10 km. The outdoor, line-mountable, rugged device is engineered to work with headend equipment and back-office systems already in place, and to support FTTx, FTTB, and FTTH solutions. Paired with Antronix's RFoG ONU, the IFA provides a cost-effective fiber bridge between the multi-tap and the customer premise.

“The dire need for deepening and expanding broadband access into rural and



underserved communities around the country has become undeniable over the last year,” notes Juan Bravo, Antronix’s VP of sales. “Expanding fiber optics in scalable ways, without the prohibitive costs of expansive plant outbuilds, is essential. The Antronix Inverse Fiber Amplifier offers providers an effective tool to do that, and to future-proof their networks for decades.”

The Antronix IFA and RFoG ONU allows cable companies to bring service to new, far-set customers who could not be reached by traditional coax cables, while reusing existing CMTS/CCAP, and subscriber premise coax and cable modems – significantly minimizing cost. It will also allow greenfields to be built with fiber optics without overbuilding PON.

For more information about the Inverse Fiber Amplifier or any Antronix product, call (609) 860-0160 or visit www.antronix.com/contact.

CLEARFIELD INTRODUCES FIELDSMART® FDP INDOOR 288-PORT WALL BOX OPTIMIZED FOR DENSE MDU ENVIRONMENTS

Purpose-built to reduce labor and installation time to streamline and simplify FTTx deployment scenarios

Clearfield, Inc., the specialist in fiber management for communication service providers, has announced the new FieldSmart Fiber Delivery Point (FDP) Indoor 288-Port Wall Box. This plug-and-play solution is designed to streamline the labor and installation time associated with large MDU or MTU fiber deployments by streamlining a traditionally four-step process



CLEARFIELD



into one. This allows service providers to quickly turn up broadband services.

“As service providers continue to build out FTTH, space and time constraints in construction are major factors,” said Chris Wilson, director of plant construction for Hotwire Communications. “Clearfield has stayed ahead of these ever-changing situations, with, yet again, another amazing product that will streamline our business and deployment.”

Utilizing the Clearview® Black Ribbon Cassette, the compact FieldSmart FDP gives service providers plug-and-play integration based upon the configuration requirements of their application. Feeder fibers, distribution fibers, splitter modules, splicing and unused splitter output storage are all contained within a compact, single, rugged, wall-mountable enclosure, eliminating space challenges that can be present in both greenfield and brownfield environments. Multi-fiber Push On (MPO) connectors make this a snap for 12 to 24 fibers at a time. This Clearview optimized wall box can house up to nine high-density splitters and allows the user to scale the bulkhead from 12 to 288 distributed ports and up to 24 feeder ports. This bulkhead accepts the Clearview Black Patch and Splice Cassettes and swings open, offering easy access to the front and rear of the cassettes. A side lock provides security-enabled doors for extra protection and a solid enclosure to protect fiber terminations from damage. True to Clearfield’s craft-friendly product design, this box requires only one technician for mounting.

“Today’s environment has forced service providers to provide reliable broadband faster than ever to keep communities connected, working and learning,” said Kevin Morgan, chief marketing officer at Clearfield. “MDUs’ varying architectural layouts present unique challenges for deploying fiber, both logistically and aesthetically. The combination of our solutions within this FDP eliminate common deployment challenges and offer greater speed and fewer labor costs for MDU, MTU, and other carrier applications.”

More information can be found at www.SeeClearfield.com.

MAXCELL OFFERS A BREAKTHROUGH IN CONDUIT SPACE MAXIMIZATION

MaxCell®, a flexible fabric innerduct with more than 600 million feet installed around the globe by the world’s largest telecommunications



Future Network Flexibility

companies, broadband operators, and Fortune 500 companies, is the standard for allowing companies to maximize their conduit space, reducing total system cost and preserving space for future network deployments.

MaxCell’s conduit maximization solution suite includes MaxCell for OSP and ISP construction; MaxSpace, a conduit space recovery solution; and installation and termination accessories.

For more information, visit www.maxcell.us/.

OFS LAUNCHES INVISILIGHT® EZ-HIDE BEHIND-THE-WALL MODULE

Easily mounts behind the optical network terminal or faceplate

OFS, a leading manufacturer of innovative fiber optic products, is launching the InvisiLight EZ-Hide Behind-the-Wall Module, enabling virtually invisible optical fiber installation inside homes and multiple dwelling units, or for Passive Optical LAN applications. The InvisiLight EZ-Hide Behind-the-Wall Module can further reduce the footprint of InvisiLight ILU installations by up to 50 percent by hiding the spool behind the wall and using the InvisiLight 600µm buffered fiber.



A Furukawa Company

FTTH service providers or Passive Optical LAN designers often deploy compact optical network terminals (ONTs) deep within subscribers’ homes and offices to facilitate Wi-Fi coverage, presenting both aesthetic and installation challenges. InvisiLight Solutions are designed to help overcome these specific challenges and as a result have been widely adopted by Tier-1/2/3 carriers and ISPs since the original InvisiLight ILU Solution launched in 2012.

The InvisiLight EZ-Hide Behind-the-Wall Module installs with the same simple process as the original, with an even smaller optical fiber. The compact EZ-Hide spool can dispense up to 40 meters of fiber as it is moved along the deployment path to the ONT location, yet still fit inside a common behind-the-wall gang box.

For more information, please visit www.ofsoptics.com. ❖

