

Walker and Associates

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Booth #534



Walker and Associates is the premier distributor of network products solutions, providing world-class supply chain management, network deployment kits, quality installation, expert systems integration and unsurpassed service to U.S. telecommunications service provider markets.

Since its inception in 1970, Walker has remained an aggressive industry leader, offering products and solutions that support leading-edge technologies such as VoIP, Ethernet, FTTx,

MSAP, Wi-Fi/WiMAX/LTE, wireless backhaul, optical transport and DSL. Walker provides these solutions to wireline and wireless service providers of all sizes. Walker continues to seek new products and technologies that will aid in building network infrastructure and allowing upgrades to the embedded base of equipment for higher speeds of broadband service delivery.

Walker's services help reduce costs associated with installing and maintaining equipment at the customer location. The company assists its customers in solving business challenges and increasing their ability to meet customer expectations from telecommunications service providers.

NEWS FROM FEATURED EXHIBITORS

Draka Communications Americas

New Cable Solution Simplifies Routing In MDU and MTU Environments

Draka Communications Americas, one of the leading fiber optic cable manufacturers, announces the introduction of a new line of fiber cables designed for installation in residential multidwelling units (MDU) and commercial multitenant units (MTU). This riser-rated product is available in color-coded 6-fiber or 12-fiber units and is intended for use with wall-mounted conduit systems typically found in residential hallways or office corridors.



The newest addition to the ezINTERCONNECT cable solution family, Draka Indoor Bundle Drop is part of a continuing expansion of MDU fiber cable products aimed at reducing the time and cost of fiber deployment in apartments, condominiums and retail centers. The Indoor Bundle Drop can provide the installer with time and cost savings by enabling efficient and rapid deployment to multiple locations on the same floor.

Draka Communications Indoor Bundle Drop has undergone stringent qualifications to guarantee compliance with industry-standard performance requirements. This product has completed a comprehensive test program conducted by an accredited independent testing laboratory.

Available immediately, Draka's Indoor Bundle Drop incorporates several exceptional features and benefits to optimize performance and reduce installation complexity. This product leverages Draka's unsurpassed bend-insensitive optical fiber technology including Ultra Bend Insensitive Fiber (UBIF) BendBright-Elite that provides low loss in radii as small as 5 mm. The Indoor Bundle Drop may be preconnectorized

for plug-and-play applications and fitted with a pulling sock to facilitate routing through wall penetrations. The product is lightweight and flame-retardant, and individual subunits are uniquely identified for traceability.

"Draka continues to meet the growing challenges posed by FTTH MDU applications through an ever-expanding product portfolio. We constantly look for products and methodology to simplify the installation process and build on efficiencies of scale. The Indoor Bundle Drop provides a fast, simple and craft-friendly way to establish service connections for an entire building in short order," states Dean Yamasaki, applications and technology manager for Draka Communications Americas.

ADTRAN

Frontier Communications Selects ADTRAN for Initial Deployment of Enhanced Broadband Delivery in New Properties

ADTRAN Inc., a leading provider of next-generation carrier infrastructure solutions, announced its selection by Frontier Communications Corporation to provide fast-track broadband access solutions and turnkey services to many of the new markets Frontier acquired upon completion of its transaction with Verizon Communications. Frontier will use ADTRAN's Total Access 5000 Multi-Service Access and Aggregation Platform (MSAP) and Total Access 1100 and 1200 Series Fiber-to-the-Node (FTTN) products to deliver universal broadband, new bundled services and enhanced technologies to customers across its expanded geographic footprint.

Michael Golob, vice president of engineering and technology for



Frontier, stated, “ADTRAN’s breadth of applications, including fiber to the home, FTTN and IP DSLAM, along with its turnkey services, will help us meet our ‘first 180 days’ targets. Our long-standing relationship with ADTRAN gives us confidence that it will help us get off to a fast start.”

Frontier is committed to enabling subscribers in the new properties to enjoy advanced broadband services and to helping advance the goals of the National Broadband Plan.

Broadband services such as high-speed Internet, business Ethernet and network upgrades will be of economic, health and cultural benefit to millions of new Frontier consumers, small businesses, universities and other institutions in 14 states across the West, Midwest and South.

“ADTRAN is pleased to strengthen our strategic relationship with Frontier as a key supplier for its 14-state broadband deployment,” says P. Steven Locke, vice president, service providers, ADTRAN. “Our breadth of technologies and services will help Frontier meet the needs of this growing customer base.”

AFL

Introducing the OFL280 FlexTester

AFL announces the introduction of the Noyes OFL280 FlexTester, a handheld, multifunction OTDR and loss test set offering incomparable flexibility and exceptional value. With unmatched combinations of fiber optic test functions, ease of use and portability, all OFL280 FlexTester models include an integrated single-mode 1310/1550 nm OTDR with PON-optimized and standard test modes, optical power meter, 1310/1550 nm laser source and visual fault locator.



The OFL280 FlexTester will replace or upgrade four existing OFL250/OFL280 models. (See chart below.)

Operating at 1310/1550 nm, the OFL280-100 is suitable for certifying point-to-point or FTTx PON fibers by allowing the detection of macro bends. The OFL280-101 adds 1625 nm, allowing certification of the L-band for transport use. Testing at 1490 nm is required by some network operators to certify

FTTx PONs, making the OFL280-102 the best choice. The filtered, three-wavelength OFL280-103 certifies dark fibers at 1310/1550 nm, fault-locates live FTTx fibers at 1625 nm, and measures FTTx power levels at 1490 nm and 1550 nm, all from a single test port. All OFL280 FlexTester models can test through FTTx PON splitters.

As with all Noyes OTDRs, test results may be saved as industry standard .SOR files, which can be transferred to a PC for viewing, printing and analysis using supplied Windows-compatible software.

The enhanced-capability OFL280 FlexTester will replace comparable OFL250 and OFL280 models with no price increases. For additional information, visit www.AFLtele.com.

Transition Networks

Transition Networks Launches New Line of Network Interface Devices

Transition Networks Inc., the fiber access technology expert, a wholly owned subsidiary of Communications Systems Inc., announced the launch of its newest portfolio of ION Network In-



terface Devices (NIDs). The x2220, x3220 and x3230 families are specifically designed to help telecoms and cable providers generate and preserve revenues when delivering Ethernet services. With this announcement, Transition Networks expands its carrier-class and enterprise network product portfolios by expanding the ION Platform, an intelligent, high-density, multiprotocol system that supports a variety of network interface devices and media conversion modules.

With the growing demand for Ethernet services, the new ION NID products enable service providers to offer tiered services with end-to-end service-level agreements while increasing customer satisfaction and keeping capital expenses to a minimum. These new ION NIDs create a clear demarcation point between the provider and customer network, as well as in carrier-to-carrier networks. ION NIDs can be used in conjunction with the ION Platform or as stand-alone devices.

“Customers continue to put more demands on service providers for faster and cheaper Ethernet services, but they still

AFL FlexTester Model	Wavelengths, Range and Special Features	Will Replace or Upgrade
OFL280-100	1310/1550 nm, 34/32 dB	OFL250 dual-wavelength
OFL280-101	1310/1550/1625 nm, 34/32/30 dB	OFL250 triple-wavelength
OFL280-102	1310/1490/1550 nm, 34/32/32 dB	Existing OFL280-102
OFL280-103	1310/1550/1625 nm, 34/32/30 dB with live fiber filter and FTTx PON meter	Existing OFL280-103

Transition ION NID Model	C/S3230	C/S3231	C/S3220	C/S3221	C/S2220
Copper Port	(1)10/100/ 1000Mbps	(1)10/100/ 1000Mbps	(1)10/100/ 1000Mbps	(1)10/100/ 1000Mbps	(1)10/100/ 1000Mbps
Fiber Port(s)	(1) 1000Mbps *Fixed optic or SFP *SFP port is triple speed	(2) Triple speed SFP ports	(1) 1000Mbps *Fixed optic or SFP *SFP port is triple speed	(2) Triple speed SFP ports	(1) 100Mbps *Fixed optic or SFP
802.3ah	Yes	Yes	Yes	Yes	Yes
802.1ag / Y.1731	Yes	Yes			

require service-level agreements,” says Patrick Schaber, director of marketing at Transition Networks. “These new ION Network Interface Devices provide a cost-effective way to meet these demands and address wide-scale deployment challenges while still providing the features service providers require, such as service OAM, link OAM, performance monitoring, C-TAG/S-TAG support, quality of service bandwidth allocation and remote diagnostics.”

With key features such as link OAM and service OAM capabilities, Transition Networks’ ION NIDs ensure rapid detection and isolation of potential service-related problems. The ability to have trouble detection and resolution from a central network operations center dramatically reduces operating expenses and results in a quicker mean time to repair, with the end result being a happier customer.

PRODUCT FEATURES

These ION NIDs support up to 10K jumbo frames and bandwidth allocation to limit upstream and downstream traffic. They offer complete Ethernet OAM support, including 802.3ah (link OAM). The x3230 series includes Ethernet OAM support for 802.1ag (service OAM) and Y.1731 (performance monitoring) to ensure visibility across the entire network.

IEEE 802.1p quality of service is included on the latest ION NIDs to allow service providers to offer different classes of services to customers as well as full VLAN support, including double tagging (Q-in-Q). Service providers are also able to select the Ethertype of the S-TAG.

Configuration, management and monitoring of the ION NIDs can be performed from a Web browser, command-line interface, via Telnet or the console port, or with a third-party SNMP system.

PRODUCT CONFIGURATION

Transition Networks’ Network Interface Devices are available as a chassis card for the ION Platform or as a stand-alone version. See the table above for more information about specific models.

PRODUCT AVAILABILITY

Please contact Transition Networks at 800-526-9267 or 952-941-7600 for pricing and more information on the Transition Networks’ ION NID products, or visit www.transition.com for the latest information.

Clearfield

Clearfield Launches New Fiber Management Elements Optimized for Small-Count Deployments

Clearfield Inc. announced its latest innovation in small-count fiber management, the FieldSmart Small Count Delivery (SCD) rack mount panel. Marketed without fiber, the FieldSmart SCD allows service providers to pick and choose from either the flexible Clearview xPAK or the highly scalable Clearview Cassette for their fiber connectivity needs.

“Some of today’s latest fiber applications call for landing only a few fibers at a time. Utilizing a fixed panel or wall-mount enclosure designed for a typical telco installation is cost-prohibitive in these environments – yet the integrity of these fibers is just as important,” explains Cheri Beranek, president and CEO of Clearfield. “The FieldSmart SCD series is designed to provide optimal fiber protection when only a small number of fiber ports are initially required.”

“The Clearview xPAK was designed for flexibility in application, allowing for user-defined applications requiring small-count landed fiber,” explains Johnny Hill, chief operating officer for Clearfield. “The FieldSmart SCD panel is an immediate response to our customers’ request to use the Clearview xPAK in traditional relay rack or data cabinet environments for the provider or the end user.”

With the FieldSmart SCD panel, service providers have the added convenience of scaling from two to 24 ports of fiber connectivity in a 1RU footprint and can upgrade from an xPAK device to a traditional Clearview Cassette when take rates or density demands dictate.

Because the mounting plate can be used in either a 19-inch or 23-inch environment, service providers can standardize on the FieldSmart SCD for all panel requirements, using the same panel for a 23-inch frame mount as well as for 19-inch data cabinet applications.

SUGGESTED APPLICATION ENVIRONMENTS

The FieldSmart SCD rack-mount panel allows the service provider to deploy one or two integrated Clearview devices – the Clearview xPAK as well as the original Clearview Cassette. The application environments are limitless; initial deployments have included cellular backhaul, colo offices and small business networks.

Small-count delivery of fiber doesn’t mean that density isn’t important. “In speaking with members of the MSO

community, we discovered an unmet need within the industry for a high level of fiber protection within a footprint that could be housed in a 19-inch data cabinet or hut,” says Tom Warren, MSO market manager for Clearfield. “When loaded with two Clearview Cassettes, the FieldSmart SCD panel provides up to 24 ports of fiber management in a single 1RU panel with mounting brackets that enable convenient access.”

AVAILABILITY

The FieldSmart SCD 1RU is shipping. It is the latest of a series of small-count enclosures designed around the Clearview xPAK, including the FieldSmart SCD Wallbox (Part#: FDP-xWB1).

Corning Cable Systems

Corning Cable Systems Introduces New Stimulus Advantage Program

Corning Cable Systems LLC, part of Corning Incorporated’s Telecommunications segment, introduces the Stimulus Advantage Program, available to all recipients of U.S. government broadband stimulus program last-mile awards. For every dollar spent on Corning Cable Systems’ cable and hardware solutions, the program offers points that can be redeemed for splice equipment, training courses and much more.

The Stimulus Advantage Program is open to U.S.-based organizations deploying last-mile projects that have been awarded broadband stimulus funds allocated by the U.S. federal government through the American Recovery and Reinvestment Act of 2009 Title I and Title VI. The eligible organization must be listed as an awardee on www.broadbandusa.gov.

Awardees can apply for the Stimulus Advantage Program by submitting an application at www.corning.com/cablesystems/stimulus. Terms and conditions of the program, as well as additional program information, are available at this site.

Fiber Instrument Sales

FIS Introduces the Cheetah SOC



The new Cheetah SOC is the quickest prepolished, factory-terminated pigtail to prepare, splice and install. The Cheetah’s 25 mm splice-protection sleeve is encapsulated and protected by the strain relief boot, eliminating the need for splice trays, chips and extra cabinets. The universal holder allows for flexible use with the industry’s best fiber optic fusion splicers, such as Alcoa Fujikura (AFL), Sumitomo Electric and Fitel, ensuring low-loss splices. The fiber pigtail is less than 2 inches in length and is precleaved for direct insertion into a fusion splicer. It is available in single-mode, multimode and 10 Gig multimode fiber types. Simply remove the cleave protector, insert the SOC into the fusion splicer and splice. FIS offers 19 styles of SOC’s to accommodate any solution. They conveniently fit onto tight buffered cable. SOC’s come precleaved and ready to be spliced into any application necessary.

OFS

Fitel S123 Fusion Splicer Series Now Commercially Available

Furukawa Electric Co. Ltd. (FEC) and the U.S.-based OFS Telecommunications Division are pleased to announce the commercial release to the global market of the latest clad alignment handheld fusion splicer FITEL S123 fusion splicer series.



“The FITEL S123 fusion splicer brings both speed and durability for last-mile applications,” says Linda Dembowski, general manager, optical connectivity solutions. “With its rugged, compact design and improved heating time, the S123 fusion splicer is a front-runner in low-cost field splicing equipment.”

Furukawa Electric and OFS offer a range of rugged, handheld fusion splicers that deliver speed, durability and low loss in smaller, lighter handheld designs. These include the highly precise FITEL S178 Hand Held Core Align fusion splicer and the midtier FITEL S153 Active Clad Align fusion splicer, which were both announced earlier in 2010, complemented by the new FITEL S123 Clad Alignment fusion splicer for last-mile applications.

This new set of fusion machines is designed to endure harsh operating conditions, with rubber pads embedded on four corners of the splicer body providing improved shock and impact resistance. The FITEL fusion splicers also achieve water resistance compliant to IPX2 and dust resistance compliant to IP5X, allowing them to be used in demanding environments without compromising splicer performance. Along with its rugged durability, the S123 offers the added user convenience of an innovative, mirror-free alignment system that allows for simplified maintenance.

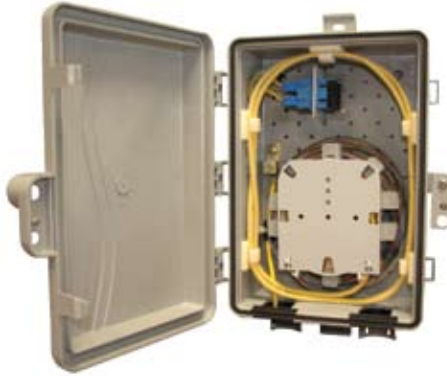
S123 fusion splicer product features include

- Canopy design, durable metal body frame and rubber protection corners that provide robust protection for demanding environmental conditions
- Fast splicing (about 13 seconds) with low loss and fast heating (about 25 seconds) for a single fiber
- 70 cycles (splicing and heating) with single FITEL series battery
- Availability for all Metro, LAN and FTTx fibers, including ultra-bend-insensitive fibers such as EZ-Bend fiber
- Splicer compatibility with Seikoh Giken and Diamond splice-on-connectors
- Easy maintenance – Toolless electrode replacement along with a mirror-free alignment system
- Easy software upgrade via the Internet
- RoHS compliance.

Primex

Primex Releases New P500 and P750 Enclosures

Primex announce the release of two new enclosures tailored to the FTTH market. The P500 and P750 have been designed from the ground up to be suited for complex fiber deployments and feature the same reliability and flexibility for which Primex enclosures are famous.



“Our current business is deeply rooted in copper cable demarc enclosures,” explains director of sales Mahmud Harji, “but we know that fiber is the future of telecommunications. With that in mind, we developed the P500 and P750 to address many of the issues we know fiber installers are facing.”

Building on the success of the P1000, P1500 and P2000 platforms, the new boxes are just as suitable for rugged outdoor applications and are available with optional NEMA 4/4X rating. As with every Primex product, both enclosures are 100 percent North American made.

“The enclosures maintain everything our current customers love about Primex but are tailored to fiber,” says Harji. “The PVC exterior is durable, weatherproof and rustproof and the spacious internal compartment allows ample room for cabling.”

Vice President Donovan Hammersley is extremely proud of the new enclosures. He says, “What we’ve been able to accomplish with these enclosures is to offer a full line of fiber-compatible enclosures sized for any application. Not only do they feature the configurability and flexibility that our current customers demand, but they allow Primex to enter a brand-new market that’s growing larger every day.”

The new enclosures are available for purchase now. To learn more about the specs and design of the P500 and P750, visit www.primextelecom.com.

Walker and Associates

Mark Walker Elected to TIA Board of Directors

The Telecommunications Industry Association (TIA), which represents the manufacturers of broadband equipment, products and services for the information and communications technology industry, announced that it has elected Mark Walker, President of Walker and Associates Inc., to its board of directors.

“On behalf of TIA, I wish to thank each new board member for agreeing to serve the ICT industry in this capacity,” says TIA president Grant Seiffert. “Each has long been engaged in working with TIA to promote the growth and well-being of

our industry and has individually expressed a personal commitment to work diligently to help carve a path to prosperity in this time of regulatory and economic uncertainty.”

As a new board member, Mark Walker will bring new perspective to an already rich and diverse body that now includes senior-level executives from ADTRAN, Alcatel-Lucent, ANDA Networks, AttivaCorp, Cisco Systems, Ericsson Inc., GENBAND Inc., Hengkels & McCoy, ILS Technology, Intel Corporation, Intersect Inc., LGE, Microsoft, Motorola, Nokia Siemens Networks, OneChip Photonics, Openwave Inc., Panasonic Computer Solutions Co., Powerwave Technologies, Qualcomm, Research In Motion, Sumitomo Electric Lightwave Corporation, Tel-labs, Tyco Electronics, Ulticom Inc. and Wirefree. Advisors to the board include FAL Associates and Telcordia Technologies.

Mark Walker assumed his role of president of Walker in 1998, following his leadership roles in other areas of the business, including the company’s former manufacturing facility, Evergood.



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Technologies and Services*

“I’m not sure that I’m quite typical of most of the Summit attendees, in that as a consultant who is involved in the FTTH, MDU, local government and the stimulus, nearly all of the presentations are germane. I thought the conference was excellent and appreciated the opportunity to be there. The conference and the BBP magazine continue to get better all the time and that is saying something in this day and age. Reading the BBP magazine cover to cover is S.O.P., standard operating procedure!”

*– Terry Johnson, President
Utility Communications Network*

To Exhibit or Sponsor, contact: Irene Prescott at irene@broadbandproperties.com, or call 505-867-2668.

For other inquiries, call 877-588-1649, or visit www.bbpmag.com.

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