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Advanced Fiber Products Introduces New Products at NAB2010

Des Plaines, IL, April 29, 2010—Advanced Fiber Products, LLC, a wholly-owned subsidiary of Advanced Fiber Products, Ltd., Haverhill, Suffolk, UK showcased new product offerings at NAB2010 in Las Vegas. Products on display included 3G-SDI fiber optic media converters, Secure LC connectors, Portable Multi-signal distance extenders, optical distribution amplifiers and bi-directional fiber optic CWDM 4-channel extenders.

Mark Benton, General Manager, was "delighted with AFP's inaugural outing to the show and the excellent interest generated in all the new products offered." He went on to say "We will definitely be back in 2011 with more products."

The AFP booth featured live demonstrations of 3G and HD video transmission and several new concepts for future developments in fiber optic media conversion, aggregation, distance extension and secure connectivity for broadcast solutions.

NAB2010 DEBUTS

MC2 Media Converters – New 3G/HD/SD BNC-to-ST video media converters transmit 3G-SDI/HD-SDI/SDI/ASI signals up to 2.97 Mbps and extend distance up to 10km using singlemode fiber. They are available with 1310nm, 1550nm and CWDM Laser transmitters with wavelengths from 1270nm to 1610nm for multiplexing applications. These media converters also uniquely display internal digital diagnostics in easy-to-read alphanumerics. They are powered by wall wart power supplies from 4.5 to 24 VDC.

MVMC P Series Media Converters – These 3G/HD/SD miniature BNC-to-LC video converters are now available with 3G capabilities. They offer a compact diameter suitable for high density router, patch-panel and CWDM applications. They also extend video signals up to 10 km at 2.97 Mbps with Fabry-Perot laser transmitters. Available DFB lasers extend distance to 50 km if needed.

VMCP 4-Channel CWDM (Mux/Demux) – A link pair transmits up to 4 video channels bi-directionally over a single singlemode fiber. The user may custom configure to create any transmit-receive combination using four MVMC or MC2 Series CWDM transmitters and four standard receivers. The VMCP units accept industry-standard Anton Bauer™ battery units and are rated at 20 hours run-time based on a 160 W-h battery. Fiber connector options include ST, LC and Expanded Beam among others.

VMDA Isolated Distribution Amplifier – This is the debut of the isolated media converter and distribution amplifier for HD/SD video signals up to 1.485 Mbps up to 16 km. It has 3 modes of operation to function as a simple switch between coax and fiber inputs and the final mode permits coax in/fiber out and fiber in/coax out at the same time. This operational flexibility aids distance extension and signal distribution and switching in the field, especially mobile production applications. It is compatible with fiber outputs/inputs to/from other video media converters.

Secure LC Connectors – Tamper-proof locking design with keyed extraction tools locks to all standard LC duplex passive and active ports. There are more than 8 unique keys that are color coded to prevent unauthorized network changes. The compact duplex design accommodates highest density patching applications. They are ideal for secure physical layer control in Military and Federal networking, Video Broadcast and highly sensitive Data-center markets. They are available with RFID tagging for asset management and intelligent remote cross-connect monitoring. Secure LC Patent Application No.0903326.7.

RunGear™ MultiSignal Portable Remote – These portable remote and hub devices offer the ability to aggregate and extend distance for 3G/HD/SD Digital Video, Audio, Telephone, VOIP, Ethernet, data and more via singlemode fiber. Available with battery mount options for remote operation up to 3 hours with a 120 W-h rated battery.

About Advanced Fiber Products LLC and Advanced Fiber Products LTD
Advanced Fiber Products, LLC (AFP-US) develops and manufactures active optical devices engineered and packaged to withstand the rigors of broadcast production and many industrial environments. The devices are designed to convert signals from electrical to optical domain, aggregate, multiplex and de-multiplex them and provide transmission via ruggedized cabling solutions. Some of the products are designed to transmit simultaneously uncompressed 3G, HD & SD video, accompanying audio signals, POTS to VOIP telephony and Ethernet traffic. Advanced Fiber Products, LLC, near Chicago, Illinois, USA is a wholly owned subsidiary of Advanced Fiber Products Ltd., Haverhill, UK.

Advanced Fiber Products Ltd. (AFP-UK) is a leading designer, developer and manufacturer of optical and optoelectronic products for broadcast, telecom, industrial, military and medical markets. AFP offers a wide range of ancillary components in addition to specialized fiber assemblies for integration into complete packaging solutions. Our product line addresses customer challenges related to high performance optical hermeticity, laser-to-fiber or fiber-to-detector delivery, and optical termination and testing for a variety of applications from traditional optical networking to industrial, medical and oil-and-gas applications. The company is headquartered at Haverhill, near Cambridge in the United Kingdom.

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