

For immediate release

OFS EXTENDS REACH AND FLEXIBILITY WITH NEW SPECIALTY PHOTONICS SOLUTIONS

DSCM Product Line and AirClad Gain Block

OFC/NFOEC 2007, Booth 1711, Anaheim, CA, March 27, 2007 - OFS, designer, manufacturer, and supplier of leading edge fiber optic products, today announces two new Specialty Photonics products on display in Booth 1711 at OFC.

* A new line of dispersion slope compensating modules (DSCM) for integration into an industry standard 19" rack. * An AirClad Gain Block optimized for use in high power DWDM amplifiers.

DSCM

The new product line consists of low loss micro dispersion compensating modules (LLMicro DSCM) for compensation of standard single mode fiber, as well as reconfigurable dispersion compensating modules (R-DSCM) and dispersion compensating Raman amplified dispersion compensating modules (DCRA).

The LLMicro DSCM allows for a 3-4 fold decrease in size as well as the integration of the DSCM onto a linecard that can be built directly into the transmission system. This enables savings in space requirement as well as added flexibility in the design of the transmission system.

"Today's DWDM systems have increased requirements for space and other physical restrictions, all of which are important economical factors; therefore, the compact nature of our LL Micro DSCM's are of increasing importance to our system house customers," explained Finn Birkedahl, Sales and Marketing Manager for the Specialty Photonics Division. "The significant space savings offers increased flexibility and room for future upgrades."

The R-DSCM enables remote reconfiguration of the level of dispersion compensation rerouting the optical path inside the DSCM. This allows for remote optimization of the transmission system in case of changes to the network.

The DCRA utilizes the excellent gain characteristics of the dispersion compensating fiber resulting in a high Raman gain. This gain may be utilized for extending the performance of the EDF amplifier typically used in transmission systems, either in terms of the transmission span from e.g. 80 km to 120 km, or for expansion of the bandwidth of the amplifier.

These solutions are, as always, engineered with the system integrator in order to help assure the best possible performance of the final system.

AirClad Gain Block

The AiClad Gain Block, optimized for use in high power DWDM amplifiers used in telecommunication and cable TV systems, allows for amplification of optical signals within the entire C-band with output powers in the 1 W range with a flat gain profile. The pump power may be supplied with a single inexpensive multimode laser diode.

The unit consists of the AirClad fiber with appropriate couplers and input/output fiber, and can be seen at the OFS booth 1711 where more details are available.

About OFS

OFS is a designer, manufacturer, and supplier of leading edge optical fiber, optical fiber cable, FTTx, optical connectivity and specialty photonics products and solutions for a wide variety of applications and industries. OFS, formerly the optical fiber solutions division of Lucent Technologies Inc. (NYSE: LU), has a proven track record of being first in the industry with application specific fibers, optical connectors, ribbon cables, erbium doped fibers, Raman fiber lasers and more. OFS is committed to providing customers increased value by offering products that deliver lowest cost-per-bit network solutions, protecting investments through flexible solutions for today's demanding applications. OFS distributes its optical fiber, optical fiber cable, FTTx, optical connectivity and specialty photonics products and solutions directly to end users, as well as through valued distributors, external cable customers and equipment vendors.

OFS is owned by Furukawa Electric, a multi-billion dollar global leader in optical communications. Headquartered in Norcross (in the outskirts of Atlanta), Georgia, USA, OFS operates facilities in Avon (Connecticut), Carrollton (Georgia), Somerset (New Jersey), Sturbridge (Massachusetts), as well as in Denmark, Germany, Russia, and sales offices around the world.

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

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CONTACTS:

Sherry Salyer
OFS Public Relations
OFS
2000 NE Expressway
Norcross, GA 30071
shsalyer@ofsoptics.com

Direct: 770-798-4210
Mobile: 678-296-7034