



NEWS - For Immediate Release

**BLUE SKY RESEARCH INTRODUCES FIBERTEC™ II SLED
FIBER COUPLED SUPERLUMINESCENT LIGHT EMITTING DIODE MODULES**

MILPITAS, Calif. – JUNE, 2012

Blue Sky Research, a volume manufacturer of laser diode systems and OEM components, today announced the company is accepting orders for its newest family of Fiber Coupled Laser Modules, the FiberTec II™ SLED. The FiberTec II SLED system is a miniature stand alone assembly with integrated SLED (superluminescent light emitting diode), control-modulation electronics, low heat dissipation (no heat sink required), and long term-semiconductor reliability. It has by far the smallest foot print and volume of any laser diode system available in the marketplace today. SLED wavelengths range from visible to NIR.

The FiberTec II SLED is designed to meet the needs of Industrial, Medical and Bio-instrumentation OEMs which need the unique characteristic of SLED performance; broadband light source, well defined optical beam and speckle free reflections and require the advantages of fiber coupling. Chris Gladding, CEO of Blue Sky Research stated, "We have worked hard to optimize this products performance, design and cost. Using SLEDs in certain applications the reduces "visual or speckle noise" and makes certain diagnostic techniques such as Optical Coherence Tomography (OCT), ophthalmic analysis, machine vision systems practical or improves the applications precision." Chris also stated "The FiberTec II SLED is the smallest and most cost effective laser module of its kind. We use our proprietary and highly reliable single mode and PM fiber coupling and it's just a great design, and an excellent value. The fiber coupling of SLEDs gives our customers more flexibility in their OEM design"

Each FiberTec II SLED system incorporates a SLED and all the electronics needed to operate/control this "laser" from a simple DC supply. The highly compact SLED module footprint is identical to the FiberTec II footprint, is electrically efficient and requires no special heat sinking; which makes this SLED system ideal for OEM integration. The SLED is temperature stabilized with a thermoelectric cooler (TEC) and the integrated controller features a SLED driver, output power stabilization, power level control, reverse and over voltage protection, fast transient and ESD suppression. Blue Sky Research output options include; single mode fiber (smf), polarization maintaining fiber (pmf) and collimation optics.

About Blue Sky Research

Blue Sky Research is a vertically integrated volume manufacturer of fiber-coupled and free space, red, blue, violet, and IR laser systems, semiconductor laser devices, and OEM laser components. The company crafts state of the art laser products using its' in-house expertise in micro-optics, laser diode manufacturing and optical/electrical engineering disciplines. Custom and application-specific solutions for high reliability and coupling of lasers to single mode fibers are enabled via patented microlens technology, and telecommunications grade packaging technology. Founded in 1989, Blue Sky Research is headquartered in Silicon Valley, California.

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