



FOR IMMEDIATE RELEASE

Alfalight Press Contacts:

Regional

Anthony Bisco

Alfalight, Inc.

(608) 240-4826

[*abisco@alfalight.com*](mailto:abisco@alfalight.com)

Trade

Jeff Muscatine

Prospero Consulting Group (PR for Alfalight, Inc.)

650-320-8308 main 650-814-9089 mobile

[*jeffmuscatine@earthlink.net*](mailto:jeffmuscatine@earthlink.net)

Alfalight 940 nm, 6 W Pump Diode Laser Delivers Higher Power for CaTV and FTTx Amplifiers

Uncooled Pump Laser Improves Dollar-Per-Watt Ratio

MADISON, WI – December 8, 2008 – Alfalight, Inc., a leading supplier of highly efficient high-power diode lasers, announced today the availability of the AM6-940B-20-608, a 940 nm, 6 W uncooled multimode laser diode for cladding-pumped telecom fiber amplifiers. At pricing comparable to previous 4 W devices, the new higher-output diode improves dollar-per-watt performance by about 50%.

“Alfalight has been delivering fully-qualified pump diodes for telecom applications since 2003,” said Ron Bechtold, vice president, Sales and Marketing. “With this latest 940 nm device we continue to advance dollar-per-watt performance for high-reliability laser diode pump solutions for telecommunications applications.”

The AM6-940B-20-608 device includes a thermistor for temperature tracking, supporting complete system diagnostic and performance monitoring. It is available now in a compact, hermetic 6-pin package and is offered with a 105 μm , 0.22 NA fiber. Target telecom applications are erbium-ytterbium fiber amplifiers for CaTV and FTTx networks.

The device is fully qualified and meets all GR-468 standards. For information about Alfalight's high-power laser diode pump sources, please contact Anthony Bisco at abisco@alfalight.com or 608-240-4826.

About Alfalight

Alfalight, Inc., based in Madison, Wisconsin, is a market-proven developer and manufacturer of highly efficient and reliable high-power diode lasers for industrial, defense, and telecommunications markets. The company's advanced Aluminum-Free Active region (ALFA) diode lasers and Wavelength Stabilization Technology (WST) enable industry-leading efficiency, reliability, power and brightness. Alfalight's exclusive technology portfolio includes patents applicable to high-power narrow-spectrum lasers, single-mode lasers, and short-wavelength lasers. Alfalight's current high-power diode laser product line features chips on carrier, fiber-coupled single emitters and combined power modules. For more information, visit www.alfalight.com.

The name Alfalight and the Alfalight logo are both registered trademarks of Alfalight, Inc.