

Firecomms RCLED-Based S200 Solution Selected for First Commercially Available S200 Connector System

Cork, Ireland—January 8, 2004—Firecomms today reveals that its RCLED-based 650nm transceiver solution is a key component of the first commercially available S200 connector system. Offered by Lumberg, Inc., the 1394b plastic optical fiber (POF) connector system will be widely used by automotive, industrial, and consumer electronics customers.

“We are pleased to have worked with Firecomms in the quick development of this connector system,” says Lumberg’s director of new business, Francesco Liburdi. “The integration of Firecomms’ S200 1394b FOTs into our housing should facilitate the introduction of this technology into the marketplace.”

Designed for maximum speed in 1394b POF applications and based on the company’s flagship RCLED (resonant cavity light emitting diode) technology, the Firecomms’ transceiver solution pairs the company’s 250 Mbps RCLED transmitter and 250 Mbps receiver to enable POF to achieve 250 Mbps over 50 meters as specified by the S200 standard of 1394b. The solution provides a minimum 5dB attenuation overhead in a 250 Mbps 50m POF link.

“Firecomms’ S200 products are a drop-in solution for the Lumberg connector system,” says Firecomms CEO Declan O’Mahoney. “When combined with the Firecomms recommended application circuit, this Firecomms/Lumberg solution provides a complete S200 link.”

Developed at Firecomms’ compound semiconductor lab in Ireland, Firecomms’ RCLED-based transceiver products meet the S200 (250 Mbps) specification of the 1394b standard. Both products are housed in Firecomms exclusive *Side-Looker* package to efficiently focus the transmitted and received light.

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About Lumberg, Inc.

Founded in 1933, Lumberg is an ISO 9000 recognized global leader in connectors, interconnect systems, and application tooling, serving the needs of customers in industrial automation and electronics markets worldwide. Lumberg's reputation is built on a strong commitment to quality and innovation. With over 1,500 employees and operations in all major regions of the world, Lumberg is committed to providing connectivity solutions with innovative high quality products and application expertise. For additional information, contact info@lumbergusa.com.

About Firecomms Ltd.

Firecomms develops high-speed light sources in the visible range that revolutionize data communications and data capture by enabling new advances for in-car entertainment, in flight entertainment, high-speed networks, and mobile m-commerce. The Ireland-based company leverages its ten years of photonics research experience, optical expertise, and extensive IP portfolio to develop cost-effective solutions where glass fibre optics would be prohibitively expensive. Additional information about Firecomms is available at www.firecomms.com.

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