

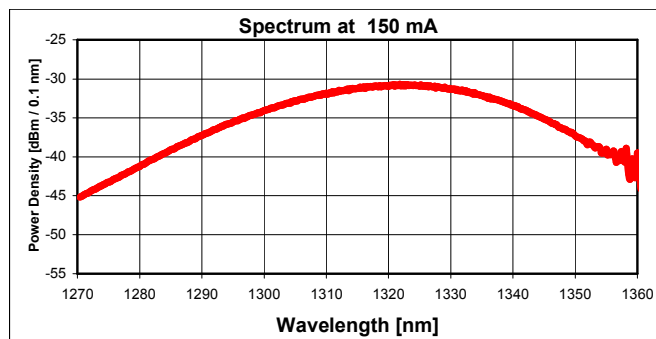
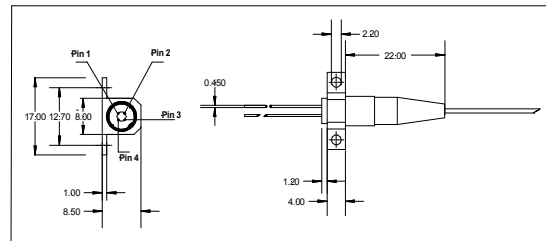
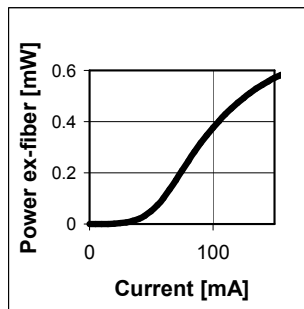


Zurich, Switzerland, May 31, 2005

EXALOS releases NEW TO-1300 nm Superluminescent Light Emitting Diode Line

Superluminescent Light Emitting Diodes (SLEDs) are light-emitting diodes utilizing amplification by stimulated emission, but having insufficient feedback for oscillations to build up and to achieve lasing action. They are much more powerful than standard LEDs and are particularly advantageous for applications requiring high power density. The new product EXS1305-8111 is part of EXALOS's family of broadband SLEDs for fiber optic telecommunications, instrumentation, optical coherence tomography, structural sensors, and fiber optic gyroscope applications.

The EXS1305-8111 offers high output power and large bandwidth in a very cost efficient housing. Typical values are 0.5 mW optical output power in a single mode fiber and up to 10 mW output power for non pigtailed devices. The product is delivered in a TO-56 housing with different fiber pigtailed, including multimode and polarization maintaining fiber. The devices are based on EXALOS proprietary patent design. Devices are in production and BELLCORE GR-468-CORE qualified.



The new components operate in the 1300 nm window.

Typical FWHM bandwidth is 40 nm. The output has a spectral ripple of less than 0.1 dB. An operating current of up to 150 mA generates typical optical output power of 0.5 mW in the single mode fiber.

Certified ISO 9001 : 2000 by



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