



NEW – EXALOS releases Ultra High Power (20 mW) Large Bandwidth (60 nm) 1550 nm Superluminescent Light Emitting Diode

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 EXS1520-2101 is part of EXALOS's family of broadband SLEDs for optical coherence tomography, fiber optic telecommunications, instrumentation, structural sensors and fiber optic gyroscope applications.

The EXS1520-2101 offers high output power and large bandwidth. Typical values are **20 mW optical output powers** in a single mode fiber and **60 nm 3dB spectral bandwidth**. The product is delivered standard in a 14 PIN Butterfly housing with built in Thermo electric cooler (TEC) and monitor diode. The devices are based on EXALOS proprietary design. Devices are in production and BELLCORE GR-468-CORE qualified.

Certified ISO 9001 : 2000 by



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