

## 880 nm Superluminescent Light Emitting Diodes Serve Medical Imaging Applications



AMS Technologies announces the extension of its Exalos family of Superluminescent Light Emitting Diodes (SLEDs) with the 880nm SLED (EXS8810). These semiconductor light sources combine the spatial coherence of a laser diode with the temporal incoherence of an LED. The 880 nm SLEDs typically exhibit 2.5 mW optical power in a single mode fiber and 40 nm, 3 dB spectral bandwidth. The standard light sources are delivered in a 14-pin butterfly housing with a built-in monitor diode and TEC. The optical fiber is terminated with a FC/APC connector. Due to the high output power and wide bandwidth, the EXALOS 880 nm SLED is well-suited for medical imaging, fiber optic sensor and instrumentation applications.

### AMS Technologies

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