

OSICS SLD

Broadband Light Source

The OSICS SLD modules are broadband light sources based on superluminescent light emitting diodes also called SLD or SLED.

They cover a broad spectral range with total output power of 10 mW.

A monitoring photodiode guarantees excellent power stability over time.

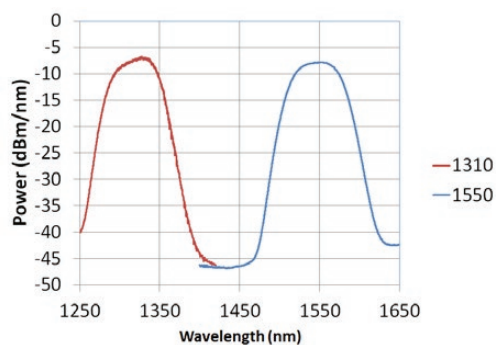
Specifications

		OSICS SLD 1300	OSICS SLD 1550
Central Wavelength*1*2		1320 nm	1540 nm
Spectral Width*3	-3 dB (FWHM)	50 nm	
	-10 dB	80 nm	
	-20 dB	100 nm	
	-30 dB	125 nm	
Output Power	High	+10 mW	
	Low	+5 mW	
Power Stability Over Temperature Range		±0.1 dB	
Power Stability at Constant Temperature		±0.01 dB	
Optical Fiber		SMF	
Optical Interface		FC/APC connector	

*1: Typical.

*2: ±20 nm.

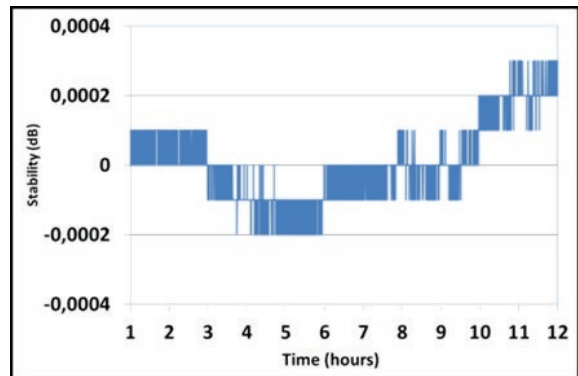
*3: Guaranteed at output power = 5 mW.



Optical Spectrum

Key Features

- **High Output Power:**
+10 dBm
- **Excellent Power Stability**
A monitoring photodiode inside the module allows power for real-time feedback enabling an extremely stable output power. This avoids frequent referencing during component testing.
- **Isolation**
The module comprises an isolator to maintain power stability even in the presence of back reflections from a test set-up.
- **Broad Wavelength Range**
~150 nm range with a spectral power density higher than -40 dBm/nm.



Power stability over 12 hours

Contacts

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