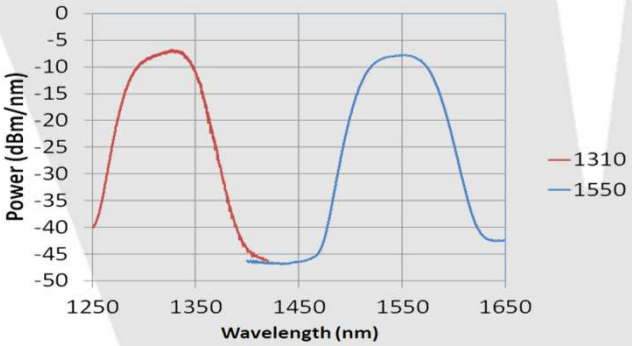
OSICS SLD: Broadband Light Source

The OSICS SLD modules are broadband light sources based on SLED diodes.

They offer large spectral range and +10 mW output power.

A photodiode is integrated inside the module for high power stability over time, which relax the need to make often power reference during component testing.



Optical Spectrum

Key Parameters

- **High Output Power: +10 dBm**
- **High Power Stability**

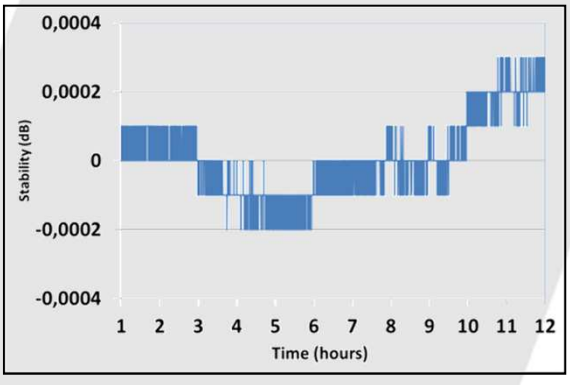
An integrated photodiode inside the module allows power monitoring and adjustment in real-time in order to get an extremely stable output power.

- **Broad Wavelength Range**

~150 nm range with a spectral power density higher than -40 dBm/nm

		OSICS SLD 1300	OSICS SLD 1550	OSICS SLD SP
Central wavelength [1,2]		1320 nm	1540 nm	Other wavelengths: please consult for avaibility and detailed specifications
Width [1]	**-3 dB (FWHM)**	50 nm	50 nm	
	-10 dB	80 nm	80 nm	
	-20 dB	100 nm	100 nm	
	-30 dB	125 nm	125 nm	
Total output power		+10 mW		
Range with P >-25 dBm/nm [1]		1265-1370 nm	1490-1600 nm	
Range with P>-40 dBm/nm [1]		1250-1390 nm	1476-1625 nm	
Power stability over temperature range		± 0.1 dB		
Power stability @ constant temperature		± 0.01 dB		
Optical interface		FC/APC connector		

*1 : typical
*2 : ±20 nm



Power stability over 12 hours

Yenista OPTICS

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