

[OEBSL-ASE]

(ASE based)

Broadband Light Sources (2.95 μm)

Features:

- Wide wavelength range
- High power ASE
- Low noise
- Turn-key/ OEM versions
- Cost effective solution

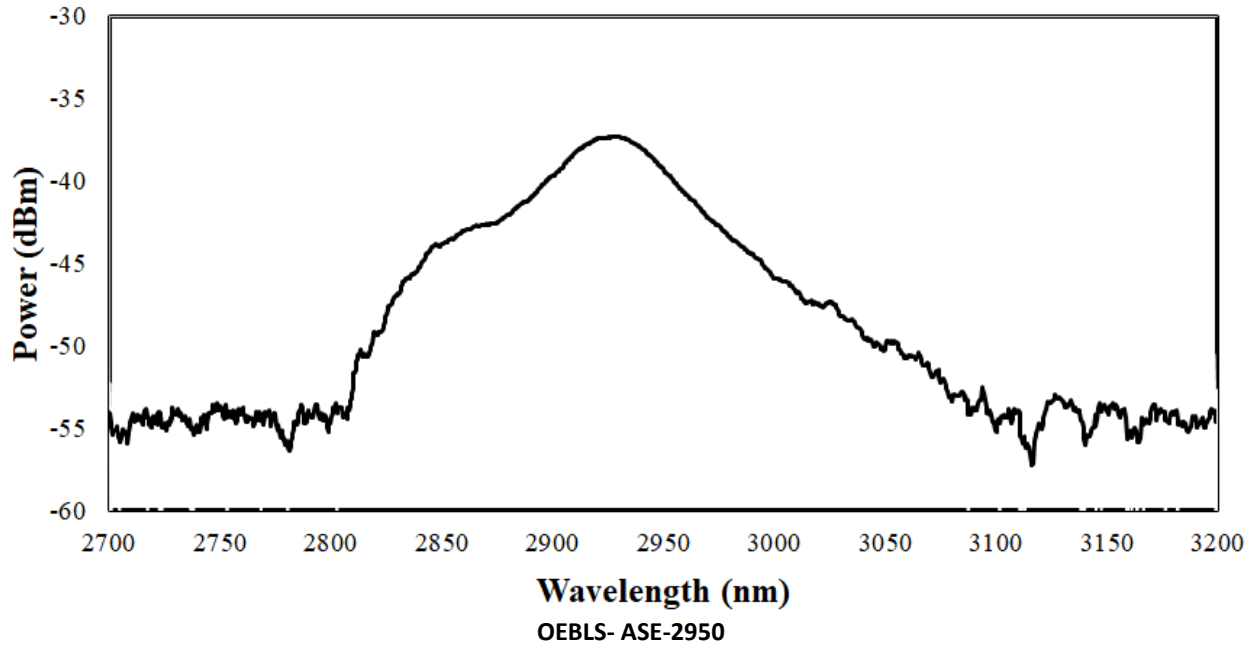

OEBSL-ASE
Applications:

- FBG sensor interrogation
- Polarization measurement
- Components/modules testing
- Optical Fiber Sensors
- Optical Mid Infrared Signal Detection
- Biomedical Applications

Product description:

OEBSL-ASE is a Broadband Light Sources (CW) based on the Amplified Spontaneous Emission (ASE) principle that uses a laser to pump Dy3-ZBLAN fiber operating in 2950 nm range. The mid-infrared (MIR) broadband light source with output power from a few mW to few hundreds of mW can be used for testing mid infrared optical components, gas sensing as well as biomedical applications.

Parameter	Unit	2.95 μm
WL range	nm	2.8-3.1
Bandwidth (-10 dB)	nm	~ 200
Output power	mW	100
Spectral density	mW/nm	0.5
Polarization state	-	Random
Output fiber type	-	SM-ZBLAN, Free space
Connector	-	FC/APC, Collimated beam
Operating temperature	$^{\circ}\text{C}$	10-50
Dimensions (Turn-key)	mm^3	160x320x370



Ordering number:

OEBSL-ASE-WL-P-XXX:	WL	P
	2950	Average power (mW)
Example:	OEBSL- ASE -2950-50	