

**[OEBSL-ASE]**

(ASE based)

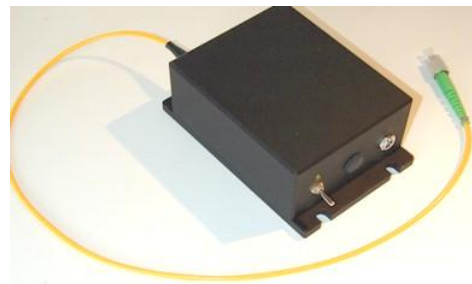
## Broadband Light Sources (1.7 $\mu\text{m}$ )

**Features:**

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


**OEBSL-ASE Turn Key**
**Applications:**

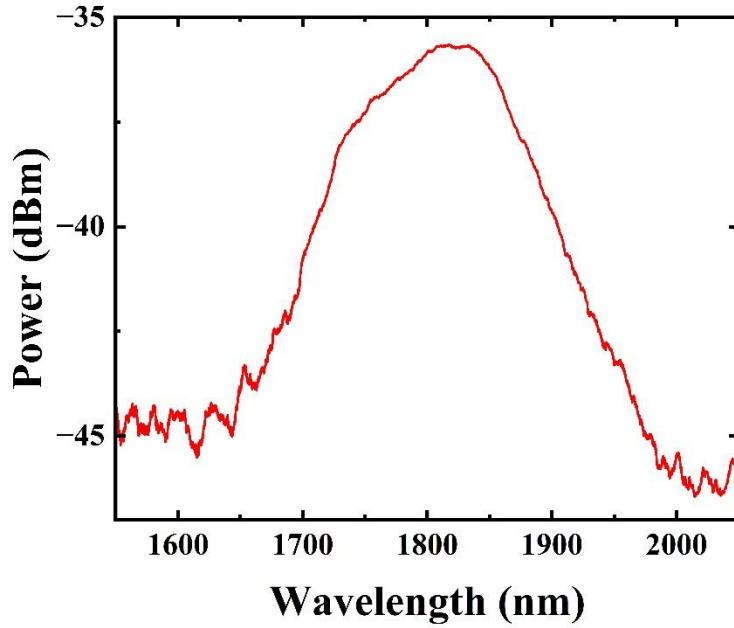
- Polarization measurement
- Components/modules testing
- Optical Fiber Sensors
- Biomedical Applications


**OEBSL-ASE OEM**
**Product description:**

OEBSL-ASE is a Broadband Light Sources (CW) based on the Amplified Spontaneous Emission (ASE) principle that uses a laser to pump Tm-doped fiber. This product comes in two versions: Turn-Key and OEM. The low-cost OEM version can be fitted inside your products which simply needs a 5V power supply.

Parameter	Unit	1.7 $\mu\text{m}$
Center WL	nm	1824
Bandwidth (-3 dB)	nm	> 80
Output power	$\mu\text{W}$	> 100
Power stability	dB	< 0.05
Polarization state	-	Random, Linear
Output fiber type	-	SMF28e+, PM1550
Connector	-	FC/APC, Custom
Operating temperature	$^{\circ}\text{C}$	10-50
Dimensions (OEM)	$\text{mm}^3$	50x90x100
Dimensions	$\text{mm}^3$	70 x 190 x 310

Product spectrum:



OEBS-ASE-1700

Ordering number:

<b>OEBS-ASE-WL-P-XXX:</b>	<b>WL</b>	<b>P</b>	<b>XXX</b>
	1800	Average power ( $\mu$ W)	TRK: Turn-key OEM
Example:	OEBS-ASE-1800-40-TRK		