

[OEBS-100]

(ASE based)

Broadband Light Sources (1.7 μm)

Features:

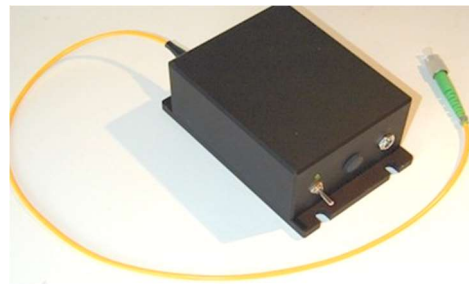
- Wide wavelength range
- High power ASE
- Low noise
- Turn-key/ OEM versions
- Cost effective solution



OEBS-100 Turn Key

Applications:

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



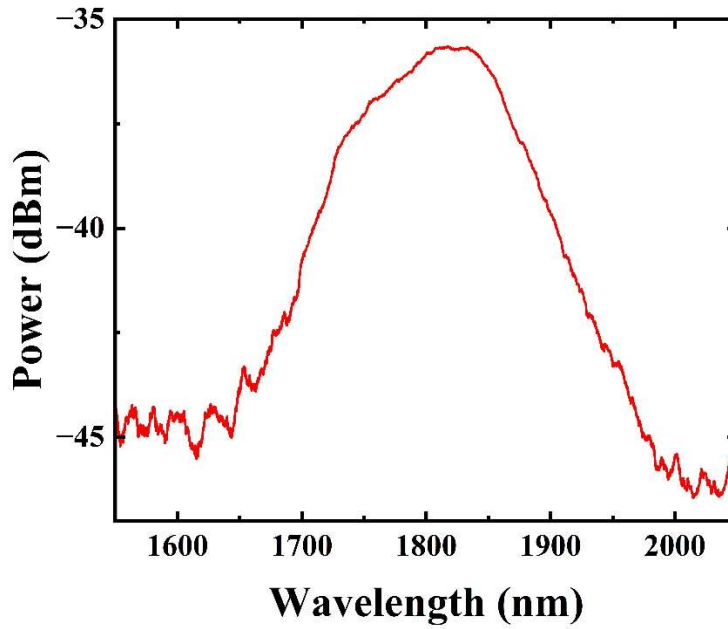
OEBS-100 OEM

Product description:

OEBS-100 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 μm
Center WL	nm	1824
Bandwidth (-3 dB)	nm	> 80
Output power	μW	> 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)	mm^3	50x90x100
Dimensions	mm^3	70 x 190 x 310

Product spectrum:



OEBSL-100-1700

Ordering number:

OEBSL-100-WL-P-XXX:	WL	P	XXX
	1800	Average power (μ W)	TRK: Turn-key OEM
Example:	OEBSL-100-1800-40-TRK		