O/E LAND INC.
7639 Cordner
Lasalle, QC, Canada, H8N 2X2
Tel:1-514-334-4588
Fax:1-514-334-0216
www.o-eland.com

[**OEBLS-100**]

(ASE based)

Broadband Light Sources (2.75 µm)

Features:

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

OEBLS-100

Applications:

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

Product description:

OEBLS-100 is a Broadband Light Sources (CW) based on the Amplified Spontaneous Emission (ASE) principle that uses a laser to pump Er-doped ZBLAN fiber operating in 2750 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	2.75 µm
Center WL	nm	2750
Bandwidth (-10 dB)	nm	> 100
Output power	mW	> 50
Power stability	%	5
Polarization state	-	Random
Output fiber type	-	SM-ZBLAN
Connector	-	Free space, Receptacle
Operating temperature	°C	10-50
Dimensions (Turn-key)	mm^3	160x320x370

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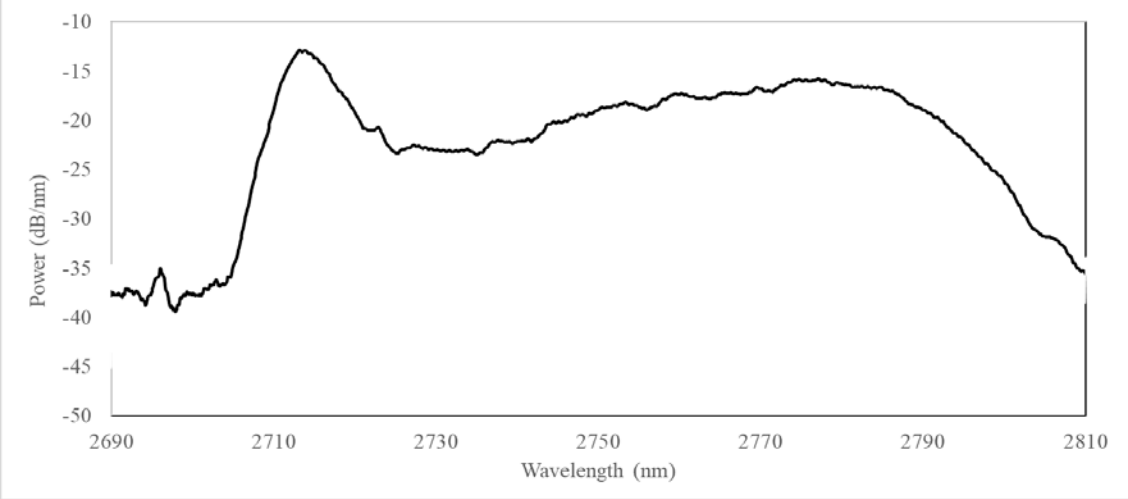

OEBLS-100-2750

Ordering number:

OEBLS-100-WL-P-XXX:	WL	P
	2750	Average power (mW)
Example:	OEBLS-100-2750-50	