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

[OEBLS-ASE]

(ASE based)

Broadband Light Sources (1 µm)

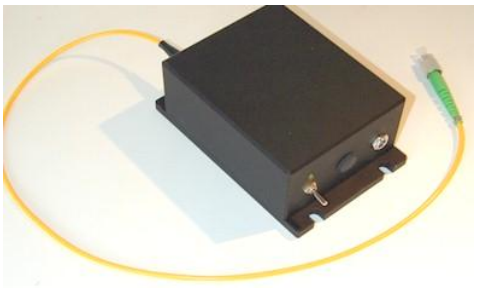
Features:

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

OEBLS- ASE Turn Key

Applications:

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



OEBLS- ASE OEM

Product description:

OEBLS- ASE is a Broadband Light Sources (CW) based on the Amplified Spontaneous Emission (ASE) principle that uses a laser to pump Er/Yb doped fiber. There are different models that operating in 1020-1060 nm range. This is an extra-stable fiber-optic light source ideal for FBG sensor interrogation system or component testing. 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 µm		
Center WL	nm	1020	1040	1060
Bandwidth (-10 dB)	nm	> 30	> 40	> 40
Output power	mW	> 5	> 10	> 10
Power stability	dB	< 0.05		
Polarization state	-	Random, Linear		
Output fiber type	-	Hi 1060, PM980		
Connector	-	FC/APC, Custom		
Operating temperature	°C	10-50		
Dimensions (OEM)	mm^3	50x90x100		
Dimensions (Turn key)	mm^3	70 x 190 x 310		

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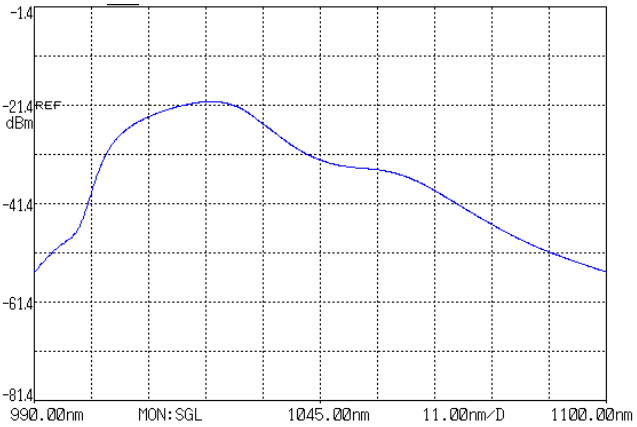
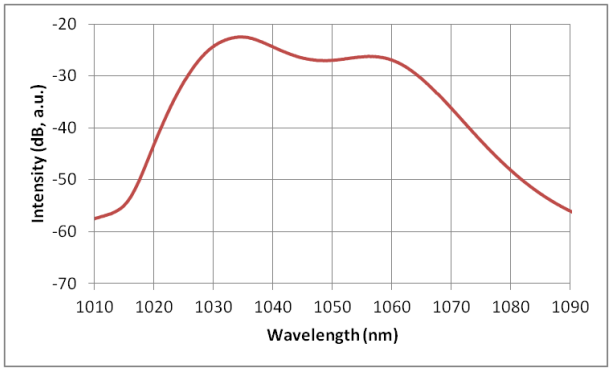
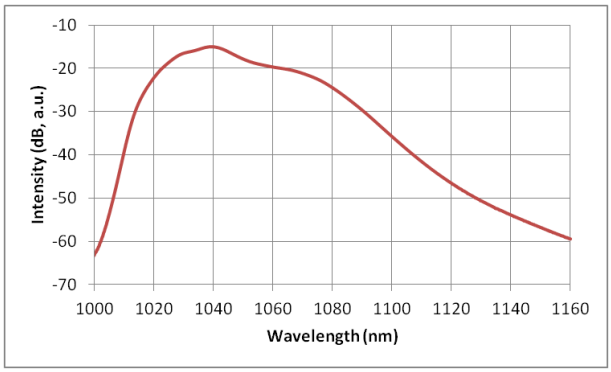


OEBLS-ASE-1020



OEBLS-ASE-1040



OEBLS-ASE-1060

Ordering number:

OEBLS-ASE-WL-P-XXX:	WL	P	XXX
	1020 1040 1060	Average power (mW)	TRK: Turn-key OEM
Example:	OEBLS-ASE-1060-40-TRK		