

[OEBLS-100]

(ASE based)

Broadband Light Sources (920 nm)

Features:

- Wide wavelength range
- ASE
- Low noise
- Turn-key solution
- Cost effective solution

Applications:

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

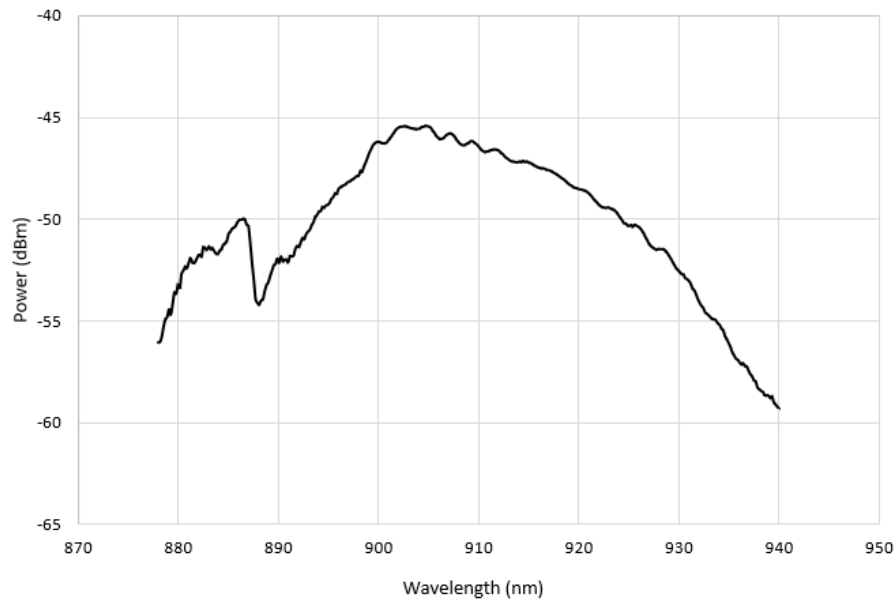


OEBLS-100

Product description:

OEBLS-100 is a Broadband Light Sources (CW) based on the Amplified Spontaneous Emission (ASE) principle that uses a laser to pump a Neodymium-Doped fiber (NDF) operating in the 900 nm range. The broadband light source with output power of few mW can be used for testing optical components, gas sensing, as well as biomedical applications.

Parameter	Unit	OEBLS-100-920
Center WL	nm	920
Bandwidth (-10 dB)	nm	> 40
Output power	mW	> 5
Power stability	%	5
Polarization state	-	Random; Linear
Output fiber type	-	SM; PM
Connector	-	FC/APC; custom
Operating temperature	°C	10-50
Dimensions (Turn-key)	mm ³	70 x 190 x 310



OEBS-100-920

Ordering number:

OEBS-100-WL-P:	WL	P
	920	Average power (mW)
Example:	OEBS-100-920-5	