

## 2.7 $\mu\text{m}$ Broadband Fiber Source

The fibre mid-infrared broadband light source (CW) with model number OEIBS-100-2750 (turn key solution) works in the 2.7  $\mu\text{m}$  wavelength ranges. It is a fiber based ASE broadband light source with output power from a few mW to several hundreds of mW. This product can be used for testing mid infrared fiber optics components, or for gas sensing as well as for biomedical applications.

### Applications

- Optical Mid Infrared Signal Detection
- Optical Testing Systems
- Optical Fibre Sensors
- Biomedical Applications

### Specifications of OEIBS-100-2750

Parameter	Unit	Value
Wavelength Range	nm	2700-2800
Average Output Power	mW	> 50
Polarization		Random
Operation Mode		CW
Output Fiber Core Diameter	$\mu\text{m}$	8.5
Output Fiber Connector		FC/APC Compatible
Operating Temperature	$^{\circ}\text{C}$	10 ~ 40
Storage Temperature	$^{\circ}\text{C}$	20 ~ 60
Product Size(OEM) (WxHxL)	mm	100 x 80 x 200
Product Size(Turn Key) (WxHxL)	mm	300 x 200 x 300

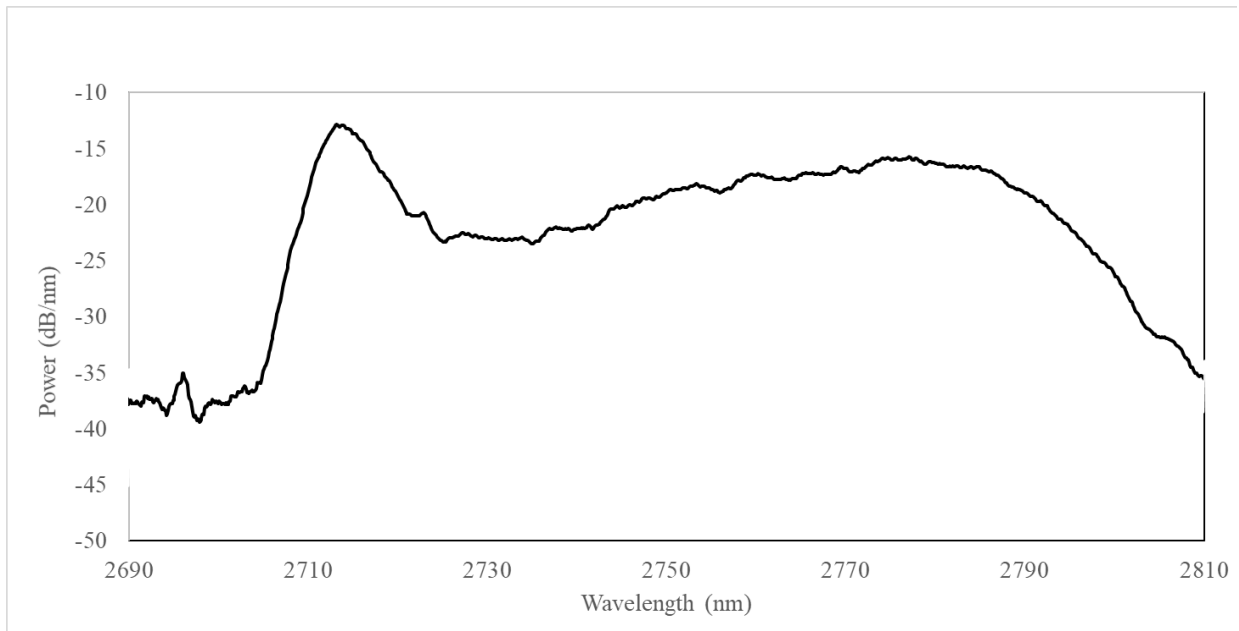


Figure 1: OEIBS-100-2700 Spectrum



Figure 2: OEIBS-100-2700 Turn Key Solution

Note: All specifications are subject to change without notice

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