2-3 μm Fibre Laser Source

(OEFLS-100-MIR)

These MIR CW fibre laser covering the range of 1920-2100 nm and 2700-2760 nm are our latest presented products. The gain medium used to generate CW fiber laser in the range of 1920-2100 nm is Tm-doped fiber, whilst the gain medium to generate CW fiber laser in the range of 2700-2760 nm is Er-doped ZBLAN fiber, with output power options up to 20 W. Both OEM and Turn Key Solution models are available.

APPLICATIONS:

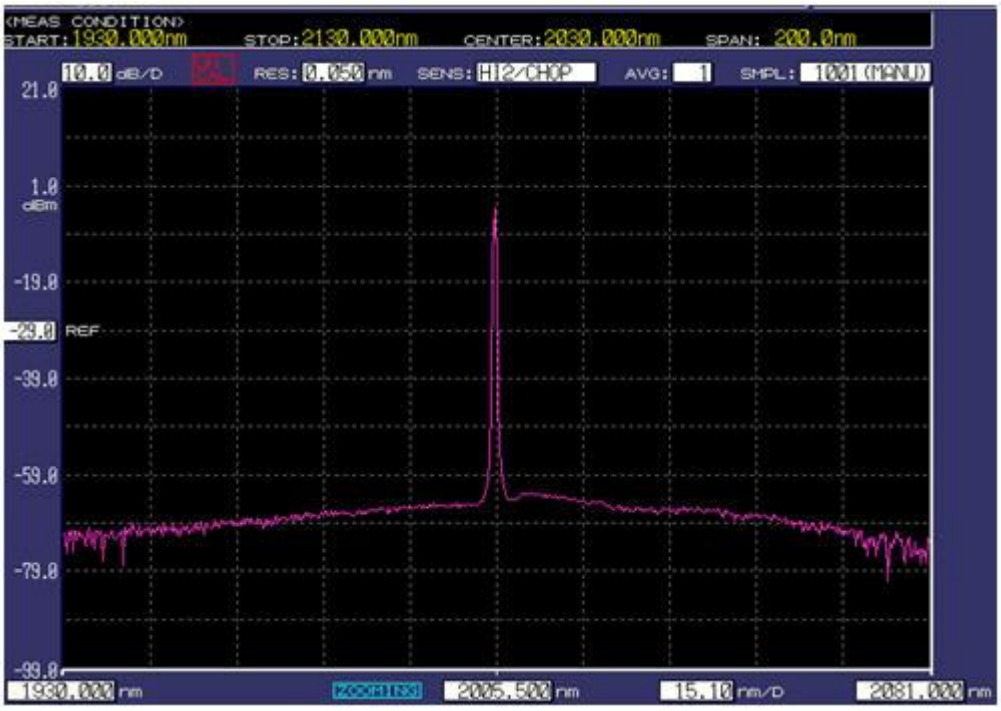
- Optical mid-infrared signal detection
- Optical testing systems
- Optical fiber sensors
- Biomedical applications

SPECIFICATIONS:

Parameters	Unit	OEFLS-100-MIR	
Center wavelength	nm	1920-2100	2700-2760
Output power	W	Up to 2	0.02
Output bandwidth	nm	< 1	<1
Output polarization state	-	Linear or Random	Random
SMSR	dB	~ 60	> 40
Operation Temperature (^{o}C)	^{o}C	10-~+60	
Output Fiber Connector	-	FC/APC Compatible	
Dimensions	mm	190x300x70	

Note: All specifications are subject to change without notice.

MEASURED DATA:



Ordering Number: OEFLS-100-MIR-CWL-W

where: CWL: center wavelength (nm)
W: Power (mW)

Example: OEFLS-100-MIR-2750-20

Please feel free to contact us at (514) 334-4588 or at sales@o-eland.com for more information on this product.