

[OEFLS-NL-100]

Narrow Linewidth Fiber Laser Sources

Features:

- High power
- Custom wavelength
- Stable output
- Turn-key solution
- Air-cooled package



OEFLS-NL-100

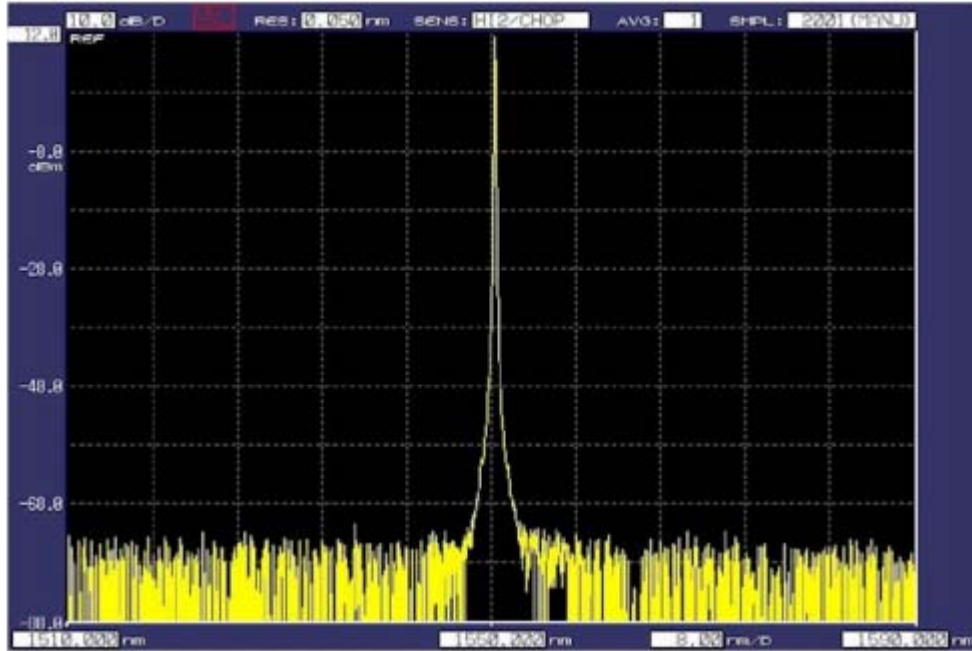
Applications:

- Medical
- Acoustic sensing
- Fiber Sensing
- LIDAR and remote sensing
- Coherent communication
- Interferometry
- Optical testing
- R&D

Product description:

This product is a kHz linewidth single frequency fibre laser source which is designed for advanced photonic applications that require highly coherent laser sources. Standard version can provide up to 20 mW of optical output power and high power version can go above 50 mW power level.

Parameter	Unit	1.5 μm
Center Wavelength	nm	1520-1580
Center Wavelength precision	nm	± 0.05
Linewidth	kHz	<5
Output power	mW	20, >50
ASE suppression	dB	> 50
Output fiber type	-	SMF28-e, PM1550
Output	-	FC, ST, SC or collimated
Polarization	-	Linear or random
Operating Temperature	$^{\circ}\text{C}$	0-50
Dimension	mm	70 x 190 x 310



OEFLS-NL-100 at 1550nm

Ordering number:

OEFLS-NL-100-WL-P:	WL	P
	Wavelength (nm)	Average power (mW)
Example:	OEFLS-NL-100-1550-20	