

[OEFLS-100]

Fiber Laser Sources

Features:

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

Applications:

- Medical
- Spectroscopy
- Optical sensing
- Optical testing
- R&D



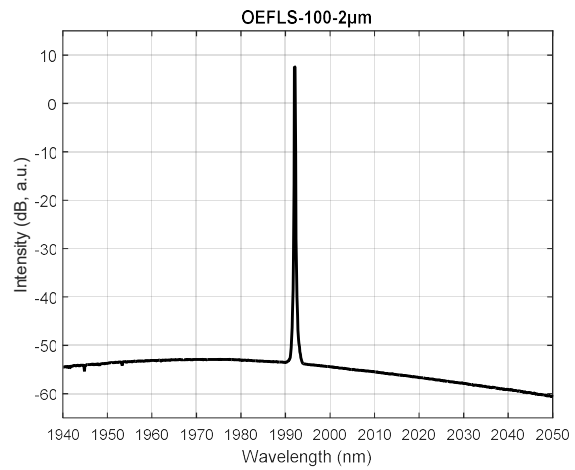
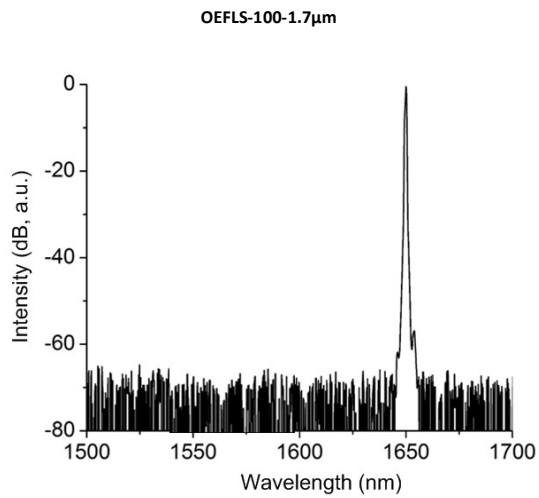
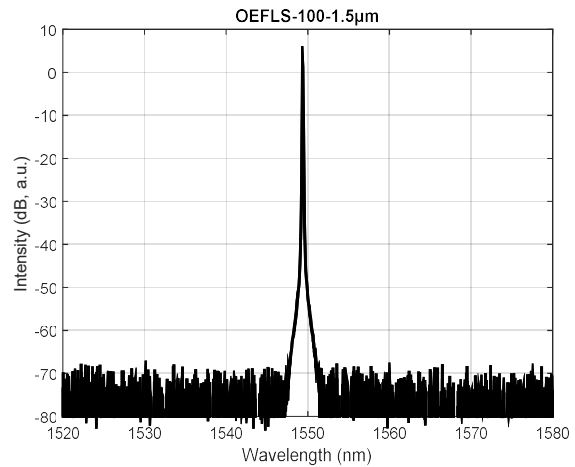
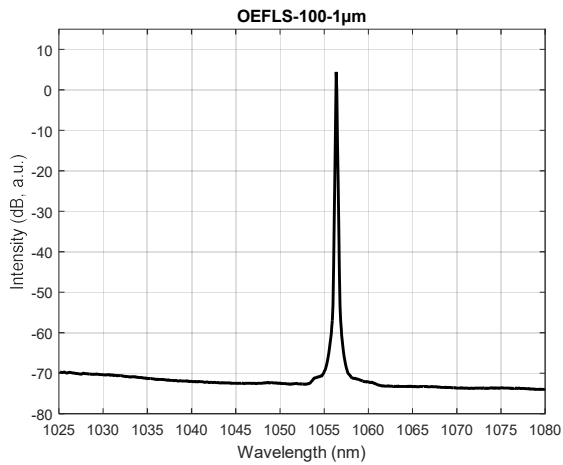
OEFLS-100

Product description:

High power fiber laser source is a new product in wide spectrum range from 1 to ~3 micron. Based on our advanced optical technologies, this laser provides stable single-mode operation output up to 20W CW optical power. The laser can be used in various applications including but not limited to medical, spectroscopy, sensing and R&D.

Parameter	Unit	1 μm	1.2 μm	1.3 μm	1.4 μm	1.5 μm
Center Wavelength	nm	1010-1100	1100-1260	1260-1380	1390-1500	1510-1630
Bandwidth	nm	<0.05	<0.05	<0.05	<0.05	<0.05
Output power	W	0.5 - 20	0.5 - 20	0.5 - 20	0.5 - 20	0.5 - 20
ASE suppression	dB	> 50	> 50	> 50	> 50	> 50
Output fiber type	-	SMF28-e or compatible				
Output	-	FC, ST, SC or collimated				
Polarization	-	Linear or random				
Operating Temperature	$^{\circ}\text{C}$	0-50				
Dimension	cm	7 x 19 x 31 or 32x37x16				

Parameter	Unit	1.7 μm	2 μm	3 μm
Center Wavelength	nm	1640-1800	1810-2350	2600-3200
Bandwidth	nm	<0.5	<1	<1
Output power	W	< 1	0.5 - 20	0.02
ASE suppression	dB	> 40	> 50	> 40
Output fiber type	-	SMF28	SMF, MMF, DCF Free space, ZBLAN	
Output	-	FC, ST, SC or collimated		
Polarization	-	Linear or random		
Operating Temperature	$^{\circ}\text{C}$	0-50		
Dimension	cm	7 x 19 x 31 or 32x37x16		



Ordering number:

OEFLS-100-WL-P:	WL	P
	Wavelength (nm)	Average power (W)
Example:	OEFLS-100-1550-2	