

[OELAS-FLS]

## 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



OELAS-FLS

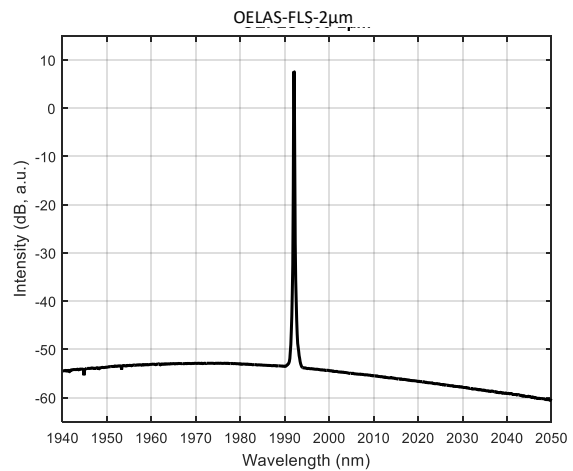
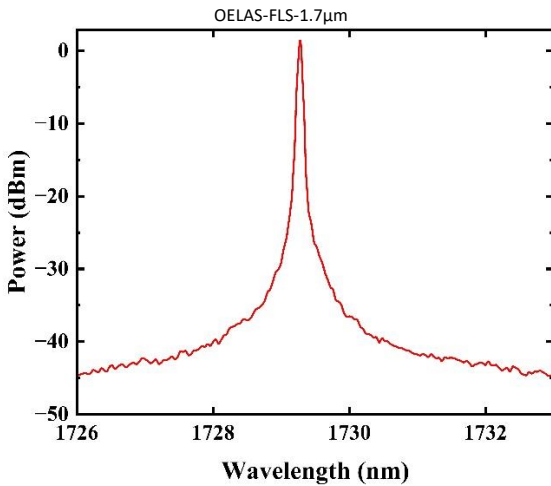
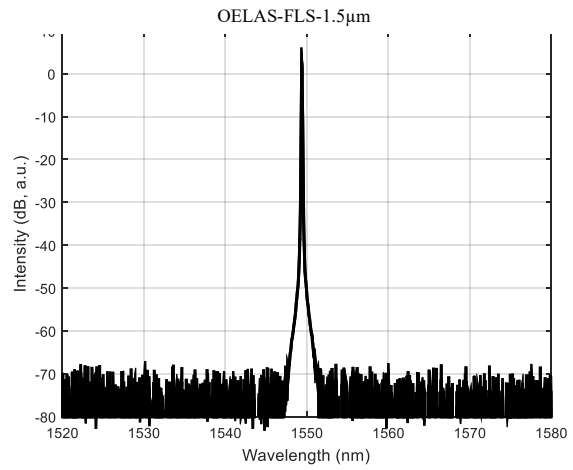
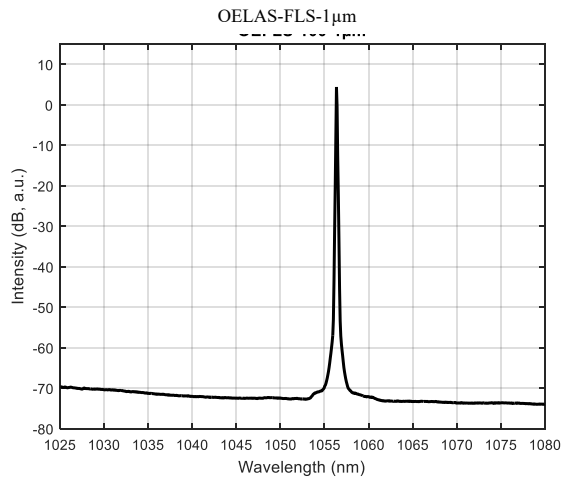
### Product description:

High power fiber laser source is a new product in a wide spectrum range from 215 nm to 3  $\mu$ m. 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	215-1000 nm	1.2 $\mu$ m	1.3 $\mu$ m	1.4 $\mu$ m	1.5 $\mu$ m
Center Wavelength	nm	215-1100	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	-	SM/PM compatible				
Output	-	Free space collimation				
Polarization	-	Linear or random				
Operating Temperature	$^{\circ}$ C	0-50				
Dimension	cm	7 x 19 x 31 or 32x37x16				

Parameter	Unit	1.7 $\mu$ m	2 $\mu$ m	3 $\mu$ m
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	-	SM, PM	SM, PM, MM, DCF Free space, ZBLAN	
Output	-	Free space collimation; SM/PM compatible		
Polarization	-	Linear or random		
Operating Temperature	$^{\circ}$ C	0-50		
Dimension	cm	7 x 19 x 31 or 32x37x16		

Product sample spectrum:



Ordering number:

<b>OELAS-FLS-WL-P:</b>	WL	P
	Wavelength (nm)	Average power (W)
Example:	OELAS-FLS-1550-2	