

[OEFLS-RM-100]

## Raman Fiber Laser Sources

### Features:

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

### Applications:

- Medical
- Fiber Sensing
- Raman amplification
- EDFA Pumping
- Optical components testing
- R&D



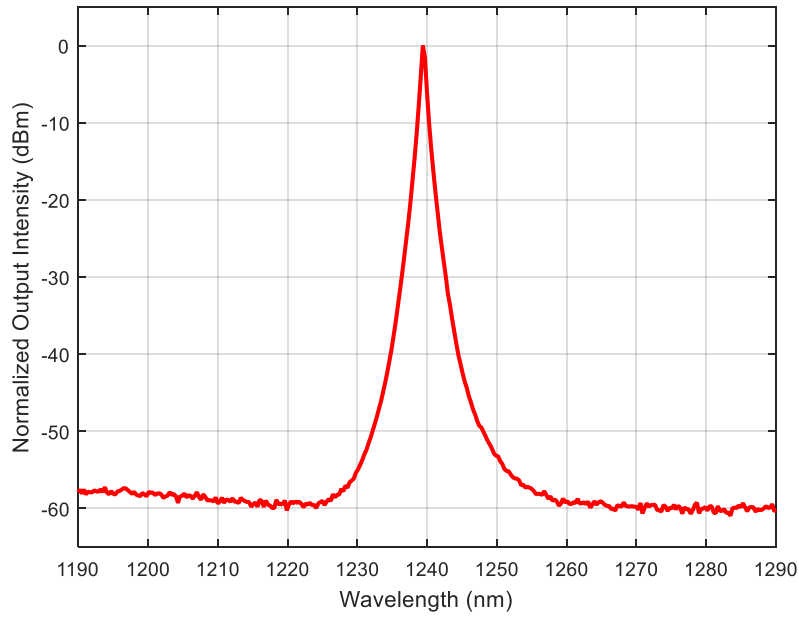
OEFLS-RM-100

### Product description:

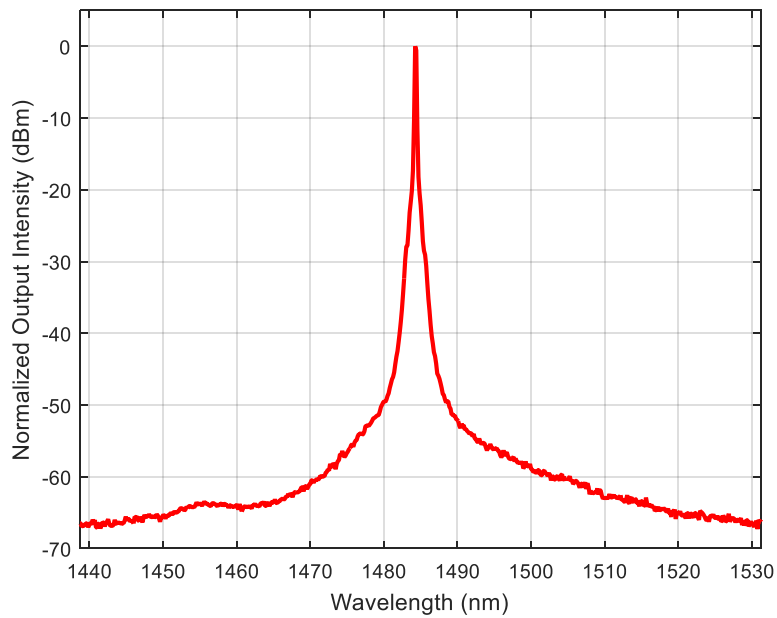
This custom-made Raman fiber laser source provides high output power Up to 20W in a wide wavelength range from ~1090 to 2400nm which makes it suitable for many applications including, but not limited to, EDFA pumping, Raman amplification, optical components testing and R&D.

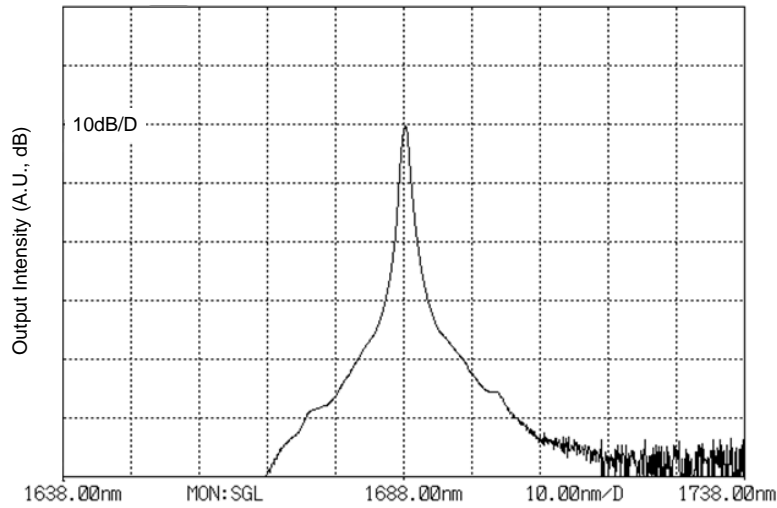
Parameter	Unit	1.2 $\mu\text{m}$	1.3 $\mu\text{m}$	1.5 $\mu\text{m}$	1.7 $\mu\text{m}$	2.3 $\mu\text{m}$
Wavelength Range	nm	1090-1250	1250-1400	1400-1510	1580-1750	2100-2400
Output power (LowP/HighP)	W	> 0.5   50	> 0.5   40	> 0.5   5	> 0.5   10	> 0.5   10
3dB bandwidth for LowP/HighP	nm	~0.3   ~3	~0.3   ~3	~0.3   ~3	~0.3   ~3	~1   ~3
ASE suppression	dB	>30	>30	>30	>30	>25
Output fiber type	-	SMF,MMF				
Output	-	FC, ST, SC or free space				
Polarization	-	random				
Operating Temperature	$^{\circ}\text{C}$	0-50				
Dimension	mm	70 x 190 x 310				

### Raman Fiber Laser at 1240nm



### Raman Fiber Laser at 1480nm





Ordering number:

<b>OEFLS-RM-100-WL-P:</b>	WL	P
	Wavelength (nm)	Average power (W)
Example:	OEFLS-RM-100-1650-5	