

1450nm Raman Amplifier Pump Laser

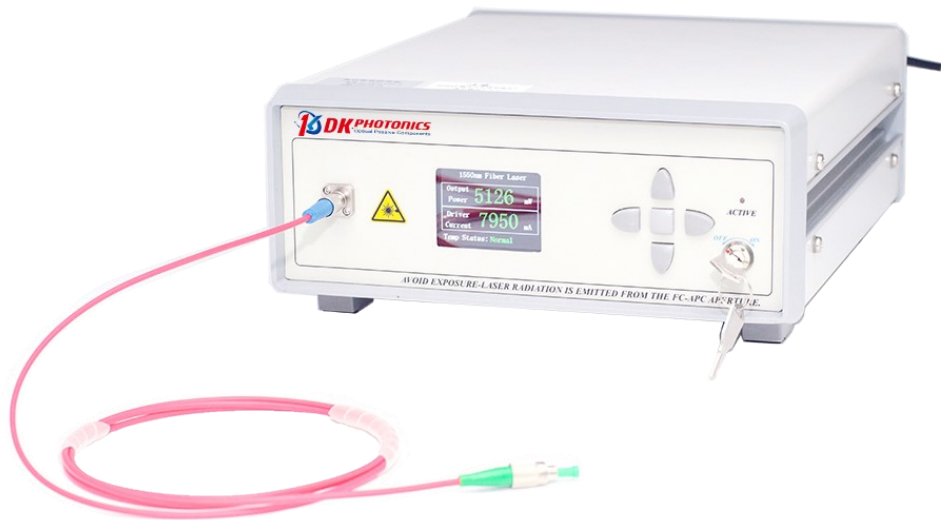
Key Features

- High output power
- Stable power and spectrum
- Module or desktop package

The single-mode fiber output 1450 nm band semiconductor laser light source uses high-performance butterfly semiconductor lasers, and uses professionally designed drive circuits and TEC control to ensure safe and stable laser operation. It is suitable as the pump light source of the fiber Raman amplifier, and can be provided in a desktop or modular package.

Applications

- Fiber laser pumping
- Raman amplifier pumping
- Research on nonlinear optics



For more Info

Please contact us at:

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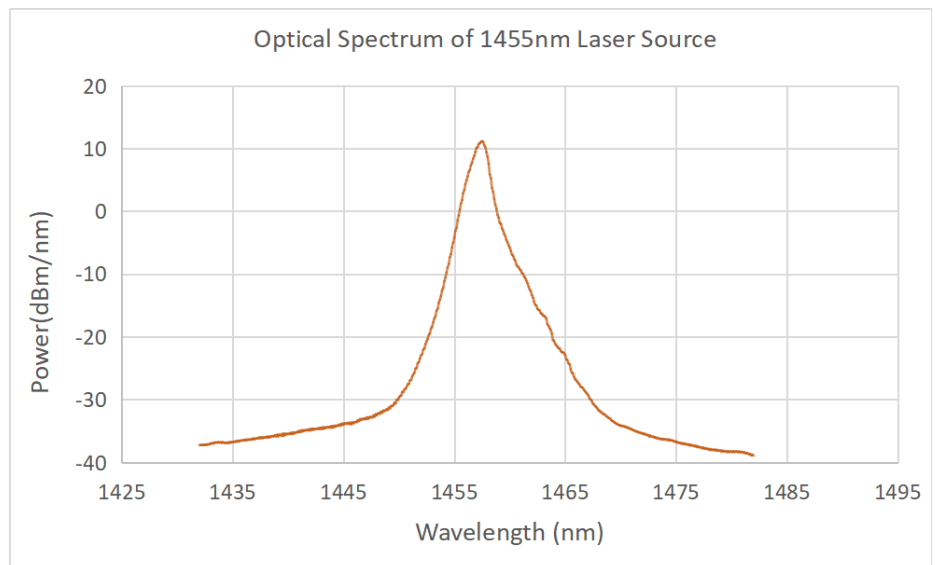
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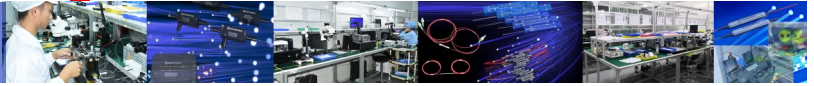
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Performance Specifications 1450nm Raman Amplifier Pump Laser

Optical Parameter	Unit	Typical Values	Remark
Center wavelength	nm	1425/1435/1455/1465	Optional
Wavelength accuracy	MHz	±3	
Output Power	nm	200/350/500	Customizable
Short-term Stability (15 Minutes)	dB	≤ ±0.02	
Long-term Stability (8 Hours)	dB	≤ ±0.05	
Fiber Type	-	SMF-28e	
Optical Connector	-	FC/APC	

Electrical and environmental parameters	Desktop	Module
Control Mode	Button	RS232
Communication Interface	* Optional	DB9 Female
Power Supply	100~240V AC, <30W	5V DC, <15W
Dimensions	260(W)×280(D)×120(H)mm	125(W)×150(D)×20(H)mm
Operation Temperature Range		-5~+55°C
Operation Humidity Range		0~70%

Order information P/N: ①-②-③-④-⑤

When you inquire, please provide the correct P/N number according to our ordering information, and attach the appropriate description would be better.

①	②	③	④	⑤
FL	Operation Wavelength	Output power (mW)	Fiber Type	Package Type
	1425/1435/1455/1465	200/350/500	SM: SMF-28e	M: Module B: Desktop

Ordering Information for Custom Parts

If you need to customize other specifications, please provide detailed description for your requirement.