DK PHOTONICS
Optical Passive Components

974/976nm Pump Laser

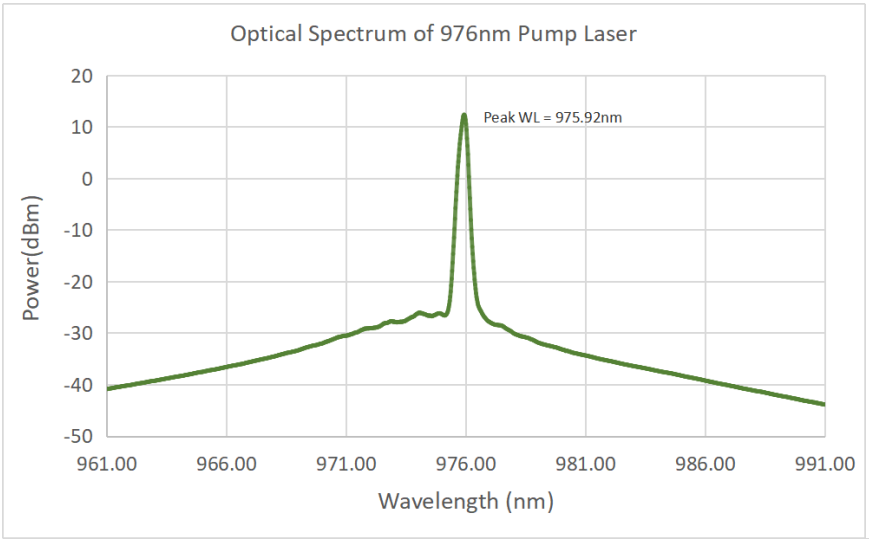
Key Features

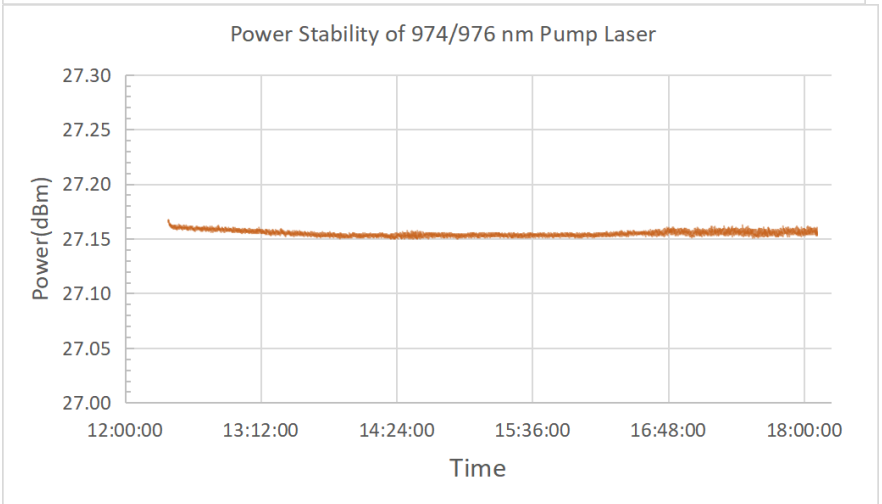
- High Output Power
- Power and Spectrum Stability
- Desktop and Modular are available

The 974/976nm single-wavelength laser adopts a butterfly-shaped semiconductor laser chip with fiber FBG frequency locking. The professionally designed drive circuit and TEC control ensure the safe operation of the laser, and the output power and spectrum are stable. It is suitable as a pump laser source for fiber lasers or fiber amplifiers, and can be provided in a desktop or modular package.

Applications

- Fiber Laser Pump
- Fiber Amplifier
- Nonlinear Optics Research
- Fiber optic device testing





For more Info

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Performance Specifications 974/976nm Pump Laser

Optical Parameter	Unit	Typical Values	Remark
Center wavelength	mm	974±1/976±1	
Output Power	mW	200/400/600/1000	Customizable
Short-term Stability (15 Minutes)	dB	⩽ ±0.02	
Long-term Stability (8 Hours)	dB	⩽ ±0.05	
Fiber Type	-	HI1060/PM980	
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
	974/976	200/400/600/1000	SM: HI1060	M: Module
			PM: PM980	B: Desktop

Ordering Information for Custom Parts

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