

Single-mode Pumped Lasers

Product Description

The pump laser module adopts imported butterfly pump laser, combined with professionally designed laser driver circuit and TEC control circuit to ensure the safe and stable operation of the laser. This laser can be applied to scientific research, production testing and other fields, suitable as a pumping light source for fiber laser or fiber amplifier, and various module packages are available according to customer requirements.



Features

- High output power
- Power and spectral stability
- Module package

Applications

- Fiber laser
- Fiber-optic amplifier
- Nonlinear optics research

Performance Parameter

Indicator	Unit	Typical value
Working Wavelength	nm	974/976/1480/14xx
Output Power	mW	200~1000
Short-term Stability (15 minutes)	dB	≤ 0.02
Long-term Stability (8 hours)	dB	≤ 0.05
Fiber Type	-	HI-1060/SMF-28e
Fiber Optic Output Terminal Type	-	FC/APC
Working Temperature	°C	-5 ~ +55
Storage Temperature	°C	-40 ~ +85
Supply Voltage	V	DC 5
		AC 220
Product Size	mm	150x125x20 / 90x70x15 / 150x125x30 (Module)
		296x260x89 (Desktop)
Communication Protocols		RS232



Ordering Information

	Wavelength	Power	Pigtail type	Pigtail length	Connector type	Module size
PUMPL	974=974nm	200=200mW	09-	1 =1m	1=FC/APC	M1=150x125x20
	976=976nm	400=400mW	0.9mm	2 =2m	2=FC/UPC	M2=90x70x15
	1480=1480nm	600=600mW	2-2mm		3=SC/APC	M3=150x125x30
		800=800mW			4=SC/PC	B=Benchtop
		1000=1000mW				

Example: PUMPL-974-400-09-1-1-M1

