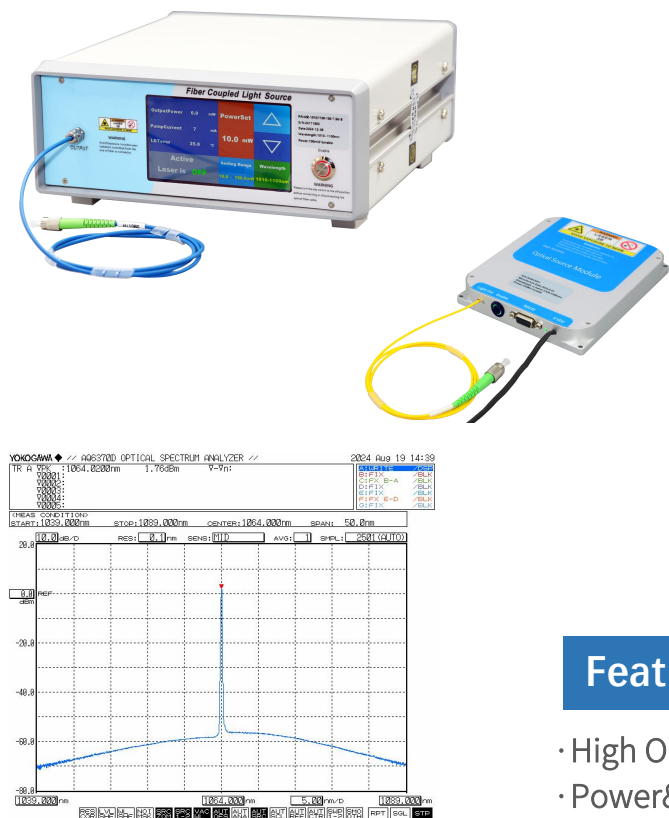


SM Fiber Coupled Laser (1064nm)

Introduction

This laser is equipped with a butterfly shaped semiconductor laser chip, a professionally designed driver and temperature control circuit ensures the safe operation of the laser, as well as stable output power and spectrum. It is suitable as a seed laser for high-power lasers and can also be used for production testing of optical devices, providing Basic or Module packaging.



Feature

- High Output Power
- Power&Spectral stable
- SM or PM Output

Application

- Seed Laser
- OPTIC TEST
- Research on Nonlinear Optics

Parameter

Optical Parameter	Units	Typical Values		Notes
Wavelength	nm	1064		Or 1030nm
Resolution	nm	±2		
Bandwidth	nm	<0.1		
Working Mode	-	CW		Continuous
Output Power	mW W	100/200/300/400/500 1/2/5/10		Low Power Type High Power Type
OP regulation range	-	10~100%		
S-term FS(15 min)	dB	≤ ±0.02		~≤ ±0.5%
L-term FS(8 h)	dB	≤ ±0.05		~≤ ±1.2%
Polarization State	-	Random	Linear Polarized	
Tail Fiber Type	-	Hi-1060	PM980	
Connector Type	-	FC/APC	FC/APC	Slow Axis Alignment

Electrical&Environmental	Basic	Module(low Power)	Module(High Power)
Control Mode	Button/RS232	RS232	RS232
Communication Interface	DB9 Female	DB9 Female	DB9 Female
Power Supply	100~240V AC, <30W	5V DC, <15W	12V DC, <60W
Size(mm)	260(W)×320(D)×120(H) 376(W)×340(D)×112(H)	125(W)×150(D)×20(H)	139(W)×235(D)×70(H)
Operating Temperature	-5~+35℃		
Operating humidity range	0~70%		

SM Fiber Coupled Laser (1064nm)

Ordering Information

Model				
	λ (nm)	Output Power	Tail Fiber Type	Package Type
FL(Low)	1030/1064	100/200/300/400 /500(mW)	SM= HI-1060	B=Basic &
FHL(High)		1/2/5/10(W)	PM= PM 980	M=Module