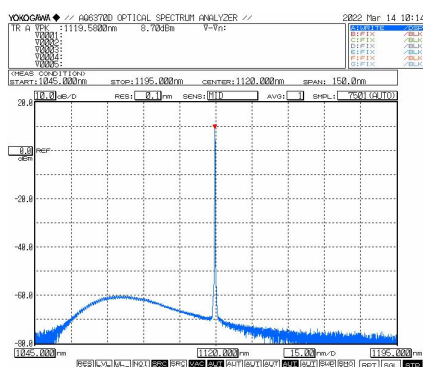


SM Fiber Coupled Laser (1120nm)

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	1120		
Resolution	nm	±2		
Bandwidth	nm	<0.1		
Working Mode	-	CW		Continuous
Output Power	W	5/10		High Power Type
OP regulation range	-	10~100%		*optional features
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
Control Mode	Button/RS232	RS232
Communication Interface	DB9 Female	DB9 Female
Power Supply	100~240V AC, <30W	12V DC, <60W
Size(mm)	260(W) × 320(D) × 120(H)	139(W) × 235(D) × 70(H)
Operating Temperature	-5~+35°C	
Operating humidity range	0~70%	

SM Fiber Coupled Laser (1120nm)

Ordering Information

Model				
FHL	λ (nm) 1120	Output Power 5/10(W)	Tail Fiber Type SM= HI-1060 PM= PM 980	Package Type B=Basic M=Module