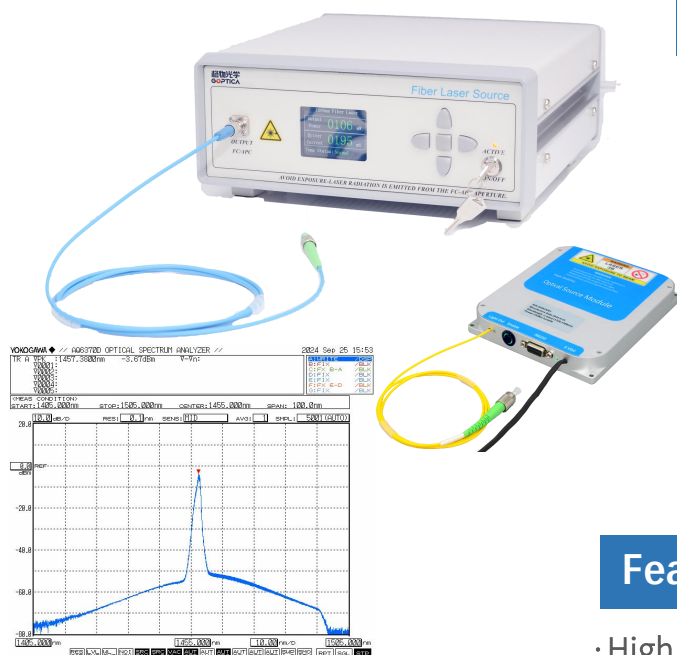


SM Fiber Coupled Laser (1450nm)

Introduction

It is equipped with high-performance butterfly semiconductor lasers and controlled by professionally designed driver and temperature control circuits to ensure safe and stable operation of the laser. It is provided by Basic or Module Type.



Feature

- High Output Power
- Stable Power&Spectrum
- Basic or Module Type

Application

- Fiber Laser
- Optic Test

Parameter

Optical Parameter	Units	Typical Values		Notes
Wavelength	nm	1455		Or 1425/1435/1465
Resolution	nm	±3		FBG locked
Working Mode	-	CW		Continuous
Output Power	mW	200/350/500		Customizable
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	-	SMF-28	PM1550	
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		5V DC, <15W
Size		260(W) × 280(D) × 120(H)mm		125(W) × 150(D) × 20(H)mm
Operating temperature		-5~+35°C		
Operating humidity range		0~70%		

Ordering Information

Model				
FL	λ(nm)	P _{out} (mW)	Tail Fiber Type	Package Type
	1425/1435/1455/1465	200/350/500	SM= SMF-28 PM= PM1550	M=Module B=Basic