

SM Fiber Coupled Laser (1480nm)

Introduction

It is equipped with high-performance semiconductor laser chips and professionally designed driver and temperature control circuits to ensure the safe operation of the laser. Its output power and spectrum are stable. Suitable as a pump laser source for fiber lasers or EDFA fiber amplifiers. It is provided by Basic or Module Type.

Feature

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

Application

- Fiber Laser
- Erbium Doped Fiber Pump
- Optic Test

Parameter

Optical Parameter	Units	Typical Values		Notes
Wavelength	nm	1480		
Resolution	nm	±10		FBG locked
Working Mode	-	CW		Continuous
Output Power	mW	200/400/500/800		
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
	1480	200/400/500/800	SM= SMF-28 PM= PM1550	M=Module B=Basic