

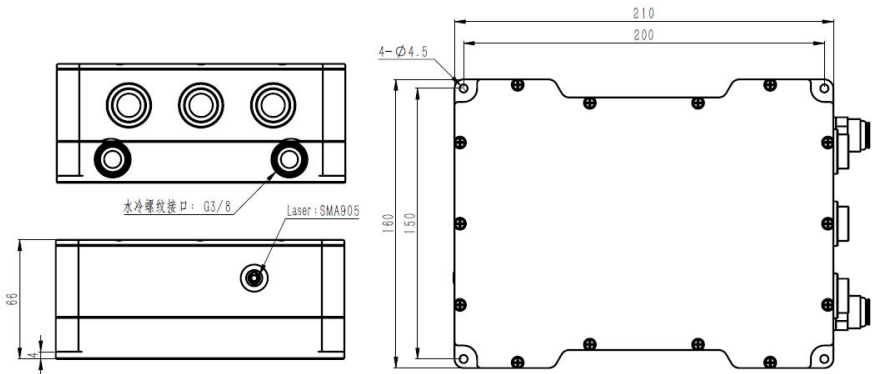


Y571D1000-210x160x66-MMF

Applications

- . Laser Medical Treatment
- . Scientific Experiment
- . Optical Instrument
- . Laser Display

Dimensions (Unit: mm)



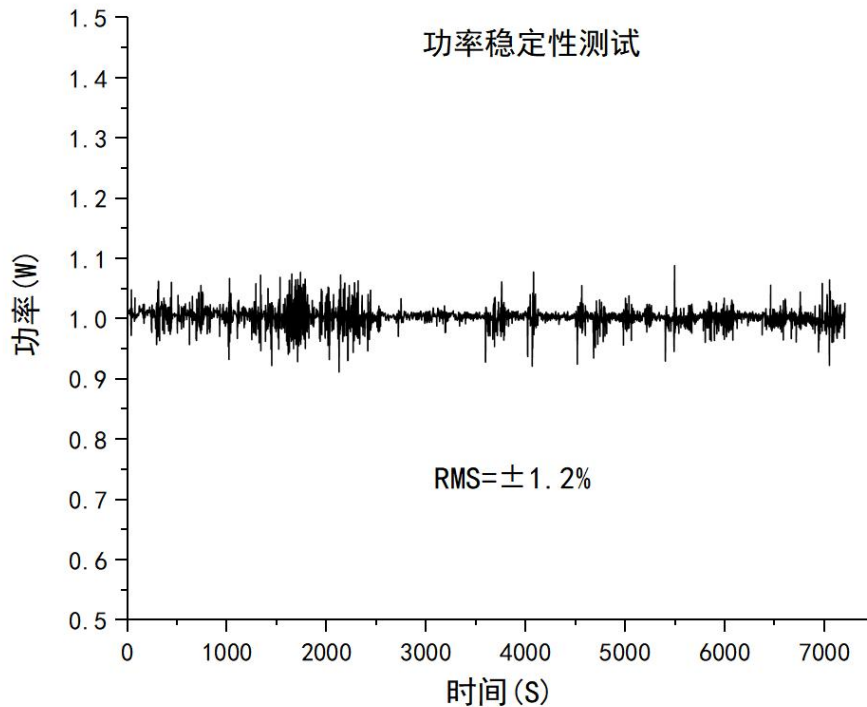
Specifications				
Model Number		Y571D1000-210x160x66-MMF		
Mechanical Specifications		Min	Typ	Max
Laser Head	Width x Length(mm)	-	210x160	-
	Height (mm)	-	66	-
	Weight (g)	-	-	2000
Housing Material		Anodic oxidation treatment		
Optical Specifications		Min	Typ	Max
Wavelength (nm)		568	570	572
Output Power (mW)		1000	1100	-
FWHM(nm)		1	1.2	1.5
Power Stability at const. Temperature(RMS)		-	1%	2%
Power Stability at const. Temperature(pk-pk)		-	+/-5%	-
Output Power Mode		CW		
Laser Class		4		

Fiber	Core Diameter(μm)	-	105	-
	NA	-	0.22	-
	Length(m)	-	1	-
	Connector	SMA905 ⁽³⁾		
Beam Mode Longitude		Multi		
Beam Mode Transverse		-		
Polarization Ratio (Linear)		1:1	-	-
Residual IR		-	-	3%
Electrical Specifications		Min	Typ	Max
Power Supply ⁽⁴⁾		12VDC		
Power Consumption (W)		-	240	-
Power Supply Size	Width x Height (mm)	-	260x100	-
	Length (mm)	-	280	-
	Weight (g)	-	5000	-
Operating Ambient Temperature Range (°C)		20	25	35
Warm up Time (mins) at 1W		-	10	15
Storage Temperature (°C)		0	-	40
Environmental Humidity (RH, %)		5	-	85
Lifetime (hours) (MTTF at 25°C)		5,000	-	-
RoHS Compliance Declaration		Yes		

- (1) after max. 10 minutes , RMS.
- (2) after max. 10 minutes, Peak-to-Peak
- (3) Fiber connector can be customized
- (4) Power Supply



Picture 1: Power Stability Over 2h (Example)



Picture 2: Wavelength (Example)

