

LD PUMPED ALL-SOLID-STATE YELLOW LASER

RN-S-577/1~30mW

产品描述

All solid state 577nm yellow laser is made features of ultra compact, long lifetime, cost-effectiveness and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, laser display, laser lighting show, etc.

产品参数

RN-S-577/1~30mW

RN-S-577/1~30mW			
Model	MGL-S-577-A (Harsh condition)	MGL-S-577-B (Normal condition)	
Wavelength (nm)	577±2		
Operating mode	CW		
Output power(mW)	>1, 5, 10, 20, ..., 30		
Power stability(rms, over 4 hours)	<1%, <2%, <3%, <5%		
Transverse mode	TEM ₀₀		
M ² factor	<1.2		
Beam diameter at the aperture(1/e ² mm)	~1.0		
Beam divergence,full angle(mrad)	<1.5		
Polarization ratio	>100:1 Horizontal±5 degree (Vertical Optional)		
Pointing stability after warm-up (mrad)	<0.05		
Pointing stability Over Temp. (μrad/°C)	<8		
Warm-up time (minutes)	<5		
Beam height from base plate (mm)	19		
Power Consumption(W)	<40		
Shock Tolerance(6ms)	7g laterally,15g vertically		
IP Rating	IP67	IP65	
Power supply(90-264VAC)	PSU-H-FDA	PSU-A-FP	PSU-III-OEM-97(5VDC)
Operating temperature (°C)	0-60	10-35	
Max. Heat Dissipation of Head(W)	10W@50°C	4W@25°C	
Expected lifetime (hours)	10000		
Warranty	1 year		