

HIGH FREQUENCY MODULATED

ALL-SOLID-STATE LASER

RN-III-xxx-AOM



产品描述

High frequency modulated laser system has such characteristics as quick modulation rate, high extinction ratio, easy coding and convenient use.

Laser modulation frequency of this laser system can be up to 1MHz, It is mainly used in such fields as laser text-image processing, laser lithography, laser phototypesetting, and laser digital communication. It is suitable for OEM system integration and scientific research laboratories etc.

产品参数

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Wavelength (nm)	473±1	532±1	671±1
Output power (mW)	>1,10,20,...,50	>1,10,20,...,150	>1,10,20,...,100
Power Stability (rms,over 4 hours)	<1%,<3%,<5%		
Transverse mode	Near TEM ₀₀		
M ² factor	15		
Beam Diameter at the aperture at the aperture 1/e ² (mm)	~3.0		
Beam divergence, full angle (mrad)	<1.5		
Polarization ratio	> 100:1		
Warm-up Time (minutes)	<10		
Pointing stability after warm-up (mrad)	<0.05		
Beam height from base plate (mm)	24.8		
Operating temperature(°C)	10~35		
Power supply (90-264VAC)	PSU-III-FDA-AOM		
Modulation	1MHz		
Expected lifetime (hours)	10000		
Warranty period	1 year		