

CW Blue and Green LASER

MDL/MLL series 405/447/488nm/510nm/514.5nm



Description

The output power of 405/447/488/510/514.5nm blue and green laser systems ranges from 1mW up to 20000mW. Laser system is TEC cooled and designed to be operated and maintained easily. Different power stabilities are available.

Feature

Wavelength: 405/447/488/510/514.5nm

Operating longitudinal mode Several

Expected lifetime 10000 hours

Warranty period 1 year

Application

Scientific experiment

Flow cytometry

Spectrum analysis

Confocal microscopy

Specification

Model Number	MDL/MLL series				
Wavelengths (nm)	405	447	488	510	514.5
MLL series low noiser version max. power(mW)	10000	20000	150	30	20
MDL series Basic version max. power (mW)	10000	20000	150	30	20
Power stability (rms)	<1%, <3%, <5%				
M2	<1.5		<1.3	<1.5	
Beam divergence (mrad)	0.5	<1.5	~1.0	1.0	

Beam diameter at 1/e ² (mm)	~4.0		~3.0	
Noise amplitude, rms, 20 Hz-20 MHz		<1% for low noise version		
		<0.8nm for low noise version		
Spectral linewidth (nm)		<1.0 nm for normal version		
Pointing stability (mrad)			<0.05	
Polarization ratio			>100:1	
Operating temperature (C)			10~35	
<ul style="list-style-type: none"> Customized Options: Power tunability and display, TTL modulation, Analog modulation, Fiber coupling, RS-232 interface, Beam expander 				