

## Q-SWITCHED **RED** LASER

### MPL series 660/656.5 nm



### Description

The output power of 660/656.5nm red laser system ranges from 1mW up to 15mW. Laser system is TEC cooled and designed to be operated and maintained easily. Different power stabilities are available.

### Feature

Wavelength: 660/656.5nm  
Operating longitudinal mode Several  
Expected lifetime 10000 hours  
Warranty period 1 year

### Application

Scientific experiment  
Raman spectroscopy  
Material processing  
Semiconductor inspection

### Specification

Model number	MPL series	
Wavelengths (nm)	660	656.5
Max average power (mW)	15, higher power is available based on request	
Max single pulse energy (uJ)	~5	
Repetition rate (KHz)	0-3	
Pulse width (ns)	-15	

Beam divergence (mrad)	<1.5
Beam diameter at $1/e^2$ (mm)	$\sim 1.2$
M2	<1.2
Power stability (rms)	<3%, <5%
Pointing stability (mrad)	<0.05
Polarization ratio	>100:1
Operating temperature (°C)	10-35

