



NECSEL™ GREEN

GREEN LASER DIODE - 525NM

Version 1.1



QUIET & STABLE

The Necsel Green Laser contains direct emitting diodes and produces 3.5 W of power. This laser has a fast turn on time, excellent stability, and operates at a wide temperature range. For users who want to get started right away, combine this laser with the Necsel Green Developer's Kit.

FEATURES

- 3.5 W of Power*
- Long Lifetime
- Direct Emitting Diode
- Fast Modulation
- Wide Operating Temperature
- Optional Free Space Design
- Optional Developer's Kit

APPLICATIONS

- Digital Projection
- Remote Source Lighting
- Hazardous Lighting
- Laser Light Shows
- Forensics
- Scientific
- Inspection

SPECIFICATIONS SUMMARY

Parameter	Min	Limits Typ	Max
Operating Power*	3.5W	-	-
Temperature	25°C		
Wavelength Range	-	525 nm	-
Slope Efficiency	0.6 W/A		

RECOMMENDED DRIVE CONDITIONS

Laser Diode Voltage	23.5 V
Operating Current* (CW)	1.6 A
Threshold Current	300 mA

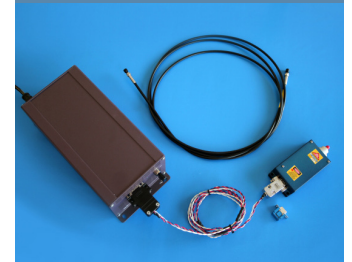
FIBER-COUPLING OPTIONS

Connector	SMA-905
Fiber Core Diameter	400 μm
Fiber NA	0.22

OPTIONAL ACCESSORIES



TRANSPORT FIBER



DEVELOPER'S KIT

