

Technical Information

Diode pumped blue solid state laser

DPBL^â 100



Features

- Very compact dimensions
- Modulation up to 15 kHz
- Low cooling radiation
- Exzellent beam properties

Application

Blue diode pumped lasers can be used in various applications, such as light show, medical or industrial use, where bright blue light is necessary.

Specifications

Output power:	>10mW - > 100mW
Wavelength:	473nm bright blue
Warm up time:	<15min
Polarization:	Linear 50:1
Beam diameter:	< 2mm
Divergence:	<0.8mrad
Modulation:	analog max 15kHz
Typ. Lifetime:	ca.5000h at 8h/day
Ambient temperature:	10° - 35°C
Dimensions laser head:	ca. 180x70x50mm
Dimensions driver:	ca. 100x62x53mm
Beam exit height:	ca. 25mm
Power required:	90-250VAC

Laser must be mounted on proper heatsink for continous use and extended lifetime !