

# 25mW, 532nm DPSS Pointing Laser



DPSS Pointing Lasers

Stock #19-470 **13 In Stock**

1

C\$683<sup>.20</sup>

**ADD TO CART**



Volume Pricing	
Qty 1-9	C\$683.20 each
Qty 10+	C\$614.60 each
Need More?	<a href="#">Request Quote</a>

Product Downloads	
STEP:step	PDF Drawing:pdf
IGES:igs	User Manual:pdf
eDrawing:eprt	
EO Spec Sheet	<a href="#">Download All</a>

## General

**Note:** Compatible TEC Controller (#19-476) sold separately

**Laser Class - CDRH:** IIIb

## Physical & Mechanical Properties

**Length (mm):** 90.00

## Optical Properties

**Spatial Mode:** TEM<sub>00</sub>

**Wavelength (nm):** 532.00 ±1

**Beam Diameter (mm):** 1.5 Typical

**Beam Divergence (mrad):** <1.5 Typical

**Color:** Green

## Electrical

**Output Power (mW):** 25

**Modulation Frequency (kHz):** Not Modulated

## Hardware & Interface Connectivity

**Operating Voltage (V):** 3

**Power Supply:** Power Supply Required and Sold Separately:  
 USA: #19-475  
 Europe: #19-475  
 Japan: Not Available  
 Korea: Not Available  
 China: #19-475

## Environmental & Durability Factors

**Operating Temperature (°C):** 23 to 27

## Regulatory Compliance

RoHS 2015: **Compliant**

Certificate of Conformance: [View](#)

Reach 233: **Compliant**

## Product Details

- TTL Modulation up to 10kHz
- Transverse Mode TEM<sub>00</sub>
- Blue, Green, Yellow, and IR Output Wavelengths
- TEC or Heatsink Required for Operation ([Sold Separately](#))

DPSS Pointing Lasers are diode pumped solid state lasers available in output powers ranging from 1 to 100mW. With their solid state design, these lasers offer excellent mode purity and low divergence, making them ideal for applications that require long projection distances. The turnkey design featuring integrated optics and electronics in a single package is suitable for a variety of plug and play operations. DPSS Pointing Lasers provide high brightness circular output beams and are ideal for many different OEM applications. TEC Controller or heatsink is required to maintain 23°C – 27°C operating temperature range.

**Note:** Power supplies, TEC Controller ([#19-476](#)), Line Projection Heads (for 532nm - [#37-093](#))(for 1064nm - [#37-097](#)), and mounting brackets ([#37-144](#)) are sold separately.

## Accessories

**Note:** Compatible accessories for individual stock numbers may vary. If unsure about which accessories work with your products, please contact us [here](#).

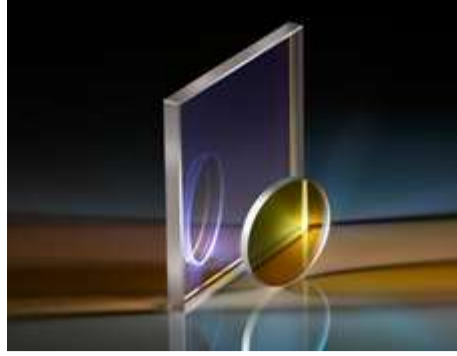
	Title	Compare	Stock Number	Price	Buy
<a href="#">MORE+</a>	15mm Dia., Laser Diode Mount		<a href="#">#37-144</a>	<b>C\$170.80</b> <a href="#">Volume Pricing</a>   <a href="#">Request Quote</a>	5 In Stock <input type="text" value="1"/>
<a href="#">MORE+</a>	30°, 532nm Single Line Projection Head		<a href="#">#37-093</a>	<b>C\$256.20</b> <a href="#">Volume Pricing</a>   <a href="#">Request Quote</a>	4 In Stock <input type="text" value="1"/>
<a href="#">MORE+</a>	30°, 1064nm Single Line Projection Head		<a href="#">#37-097</a>	<b>C\$256.20</b> <a href="#">Volume Pricing</a>   <a href="#">Request Quote</a>	3 In Stock <input type="text" value="1"/>
<a href="#">MORE+</a>	3V DC Power Supply		<a href="#">#19-475</a>	<b>C\$86.80</b> <a href="#">Volume Pricing</a>   <a href="#">Request Quote</a>	5 In Stock <input type="text" value="1"/>
<a href="#">MORE+</a>	TEC Controller for DPSS Pointing Lasers		<a href="#">#19-476</a>	<b>C\$140.00</b> <a href="#">Volume Pricing</a>   <a href="#">Request Quote</a>	12 In Stock <input type="text" value="1"/>
<a href="#">MORE+</a>	5V DC/2.4A Power Supply & Plug Adapters		<a href="#">#73-818</a>	<b>C\$60.20</b> <a href="#">Volume Pricing</a>   <a href="#">Request Quote</a>	17 In Stock <input type="text" value="1"/>
<a href="#">MORE+</a>	12mm TEC Controller for DPSS Pointing Lasers		<a href="#">#72-536</a> <b>NEW</b>	<b>C\$210.00</b> <a href="#">Volume Pricing</a>   <a href="#">Request Quote</a>	1 In Stock <input type="text" value="1"/>

## Frequently Purchased Together



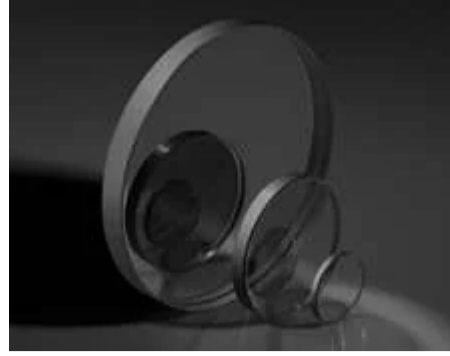
#39-606 - 150W EKE, Replacement Bulb  
C\$42.00

Qty



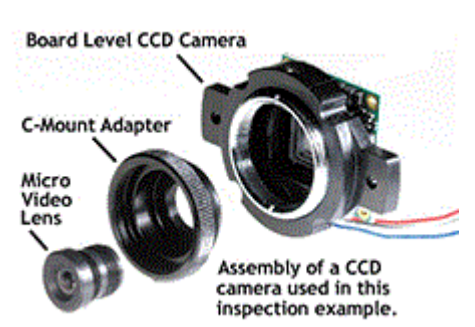
#48-191 - 50R/50T 25 x 25mm, UV Plate Beamsplitter  
C\$212.80

Qty



#49-065 - 0.6 OD 25mm Diameter UV-VIS ND Filter  
C\$183.40

Qty



#53-675 - C-Mount to M12 Lens Adapter  
C\$45.85

Qty

# Resources

## Media Type

- Technical Tool
- Application Note
- Video
- FAQ
- Glossary
- Published Article
- Scientific Paper

TECHNICAL TOOL

Gaussian Beams Calculator

APPLICATION NOTE

Gaussian Beam Propagation

APPLICATION NOTE

Common Laser Types

VIDEO

Understanding Lasers and How They're Used Every...

? FAQ

Can a laser beam be seen from the side?

? FAQ

What factors are involved in how well I can see a laser...

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