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10mW, 589nm DPSS Pointing Laser



DPSS Pointing Lasers

Stock **#19-472** 4 In Stock

-

1

+

₹1,47,150

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Volume Pricing	
Qty 1-9	₹1,47,150 each
Qty 10+	₹1,32,300 each
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General

Compatible TEC Controller [\(#19-476\)](#) sold separately

Note:

IIIb

Laser Class - CDRH:

Physical & Mechanical Properties

100.00

Length (mm):

Optical Properties	
TEM ₀₀	Spatial Mode:
589.00 ±2	Wavelength (nm):
±2	Wavelength Tolerance (nm):
1.5 Typical	Beam Diameter (mm):
<1.5 Typical	Beam Divergence (mrad):
Yellow	Color:

Electrical	
10	Output Power (mW):
Not Modulated	Modulation Frequency (kHz):

Hardware & Interface Connectivity	
3	Operating Voltage (V):
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	
23 to 27	Operating Temperature (°C):

Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 233:
China	Country of Origin:
Edmund Optics India Private Limited	Imported By:

Product Details

- TTL Modulation up to 10kHz
- Transverse Mode TEM₀₀
- 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.