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5mW, 1064nm DPSS Pointing Laser

DPSS Pointing Lasers

Stock **#37-042** **10 In Stock**

- 1 + **£303.20**

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Volume Pricing	
Qty 1-9	**£303.20** each
Qty 10+	**£272.80** each
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Prices shown are exclusive of VAT/local taxes

Product Downloads

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_{00}
Wavelength (nm):	1,064.00 ±1
Wavelength Tolerance (nm):	±1
Beam Diameter (mm):	1.0 Typical
Beam Divergence (mrad):	<1 Typical
Color:	Infrared

Electrical

Output Power (mW):	5
Modulation Frequency (kHz):	0 - 10

Hardware & Interface Connectivity

Operating Voltage (V):	5.0
Power Supply:	Power Supply Required and Sold Separately: USA: #73-818 Europe: #73-818 Japan: #13-640 Korea: #33-770 China: #73-818

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_{00}
- 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.

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