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Coherent® StingRay™ Line Generator 1231493 | 520nm, 5mW, 30° Fan Angle (Recertified 05-P)

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Stock **#86-851-RCD-05P** RECERTIFIED **1 In Stock**

- 1 + **A\$1,241^{.60}**

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Volume Pricing	
Qty 1+	A\$1,241.60 each
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Note: This item requires accessories for use | [Learn More](#)

Product Downloads



General

Coherent®	Manufacturer:
Diode	Type of Laser:

II	Laser Class - CDRH:	
1231493	Model Number:	
Physical & Mechanical Properties		
<10	Pointing Stability (μrad/°C):	
97.80	Length (mm):	
Optical Properties		
TEM ₀₀	Spatial Mode:	
520.00	Wavelength (nm):	
<1.5	Mode Quality, M²:	
±10	Wavelength Tolerance (nm):	
Green	Color:	
30.00	Fan Angle (°):	
Electrical		
5	Output Power (mW):	
Max Analog: 500	Modulation Frequency (kHz):	
Hardware & Interface Connectivity		
	Power Supply:	
	Power Supply Required and Sold Separately:	
	USA: #86-878	
	Europe: #86-878	
	Japan: #86-878	
	Korea: #86-878	
China: #86-878		
	Electrical Leads/ Pin Connections:	
	Hirose HR-10P-12S	
Free Space	Output Type:	
5 - 24 DC	Input Voltage (V):	
Environmental & Durability Factors		
10 to 40	Operating Temperature (°C):	
-20 to +60	Storage Temperature (°C):	
Regulatory Compliance		
Compliant	RoHS 2015:	
View	Certificate of Conformance:	

Product Details

- External Focus with up to 100mW Output Power
 - Auto Scaling Input Power 5 - 24VDC with Reverse Polarity Protection
 - Built-In Microcontroller for Fault Monitor
 - [Coherent® StingRay™ Developer's Kit](#) also available
- Coherent® StingRay™ and BioRay™ Laser Diode Modules are ideal for a variety of alignment, machine vision, and biomedical applications. They are available in a wide range of output powers, wavelengths, and fan angles. High precision optical components and sophisticated drive electronics provide power and control to your application, reducing signal-to-noise ratios and increasing measurement speed. Coherent® StingRay™ and BioRay™ Laser Diode Modules are designed with a flat top power distribution across the beam profile for consistency in line projection widths.
- Note:** For CDRH certified systems (Class IIIb), [#86-878](#) Laser Controller and additional external voltage source (0.5□5V) with BNC connector is required.

Custom

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries

- Scalable production—from prototype to volume

Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

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