

20mW 349nm OBIS XT

See More by [Coherent®](#)



Stock #75-319 NEW CONTACT US

-
1
+
£20,080⁰⁰

ADD TO CART

Volume Pricing	
Qty 1+	£20,080.00 each
Need More?	Request Quote

! Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Warm-Up Time (minutes):	Manufacturer:
<5	Coherent®
Type of Laser:	Laser Class - CDRH:
Diode Pumped Solid State	IIIb
Model Number:	
1371120	

Physical & Mechanical Properties

125.0 x 70.0 x 36.5 **Dimensions (mm):**

450 **Weight (g):**

<5 **Pointing Stability ($\mu\text{rad}/^\circ\text{C}$):**

<30 **Pointing Stability (μrad):**

Optical Properties

100:1 **Polarization:**

TEM_{00} **Spatial Mode:**

348.80 **Wavelength (nm):**

≤ 1.1 **Mode Quality, M^2 :**

± 0.05 **Beam Diameter Tolerance (mm):**

0.7 **Beam Diameter (mm):**

Full-Angle: <0.8 **Beam Divergence (mrad):**

UV **Color:**

Electrical

20 **Output Power (mW):**

$\leq 0.25\%$ (20Hz to 20MHz) **RMS Noise:**

Hardware & Interface Connectivity

Free Space **Output Type:**

Environmental & Durability Factors

+10 to +35 **Operating Temperature ($^\circ\text{C}$):**

Regulatory Compliance

[View](#) **Certificate of Conformance:**

Product Details

- Compact, Thermally Efficient Design for Ease of Life Science System Integration
- 320, 349, and 640nm Wavelength Options Available
- Integrated Controller with RS-232, RS-485, and USB Interfaces

Coherent OBIS XT Laser Systems offer an advanced extension of the [OBIS LS/LX](#), delivering powerful performance across ultraviolet and visible wavelengths. These lasers are available in UV wavelengths of 320 and 349nm, with output power options ranging from 20 to 150mW, and a higher-power 640nm wavelength option with output powers of 400 or 500mW. Flexible communication interfaces, including RS-232, RS-485, and USB, allow for seamless integration and real-time control in complex applications. Coherent OBIS XT Laser Systems are designed to simplify system integration, utilizing their compact form factor, integrated controller, as well as a low thermal output. This reduces the need for external cooling and streamlines OEM and end-user implementation. OBIS XT lasers are ideal for a wide range of applications, including life sciences, biomedical, flow cytometry, DNA Sequencing, and fluorescence microscopy.