

# 20mW 320nm OBIS XT

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Stock #75-316 NEW CONTACT US

⊖ 1 ⊕ C\$41,944<sup>00</sup>

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**General**

Warm-Up Time (minutes):  
<5

Manufacturer:  
Coherent®

Type of Laser:  
Diode Pumped Solid State

Laser Class - CDRH:  
IIIb

Model Number:  
1371110

**Physical & Mechanical Properties**

|   |                                      |
|---|--------------------------------------|
| 125.0 x 70.0 x 36.5                           | <b>Dimensions (mm):</b>              |
| 450   | <b>Weight (g):</b>                   |
| <5  | <b>Pointing Stability (μrad/°C):</b> |
| <30   | <b>Pointing Stability (μrad):</b>    |
| <b>Optical Properties</b>                     |                                      |
| 100:1   | <b>Polarization:</b>                 |
| TEM <sub>00</sub>                             | <b>Spatial Mode:</b>                 |
| 319.80  | <b>Wavelength (nm):</b>              |
| ≤1.1  | <b>Mode Quality, M<sup>2</sup>:</b>  |
| ±0.05   | <b>Beam Diameter Tolerance (mm):</b> |
| 0.7   | <b>Beam Diameter (mm):</b>           |
| Full-Angle: <0.7                              | <b>Beam Divergence (mrad):</b>       |
| UV  | <b>Color:</b>                        |
| <b>Electrical</b>                             |                                      |
| 20  | <b>Output Power (mW):</b>            |
| ≤0.25% (20Hz to 20MHz)                        | <b>RMS Noise:</b>                    |
| <b>Hardware &amp; Interface Connectivity</b>  |                                      |
| Free Space                                    | <b>Output Type:</b>                  |
| <b>Environmental &amp; Durability Factors</b> |                                      |
| +10 to +35                                    | <b>Operating Temperature (°C):</b>   |
| <b>Regulatory Compliance</b>                  |                                      |
| <a href="#">View</a>                          | <b>Certificate of Conformance:</b>   |

## 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.