

# 60mW 349nm OBIS XT

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Stock #75-320 NEW [CONTACT US](#)

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+

A\$54,128<sup>00</sup>

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| Qty 1+         | A\$54,128.00 each             |
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Product Downloads

| General                  |                         |
|--------------------------|-------------------------|
| <5                       | Warm-Up Time (minutes): |
| Coherent®                | Manufacturer:           |
| Diode Pumped Solid State | Type of Laser:          |
| IIIb                     | Laser Class - CDRH:     |
| 1371123                  | Model Number:           |

Physical & Mechanical Properties

|                     |                               |
|---------------------|-------------------------------|
| 125.0 x 70.0 x 36.5 | Dimensions (mm):              |
| 450                 | Weight (g):                   |
| <5                  | Pointing Stability (μrad/°C): |
| <30                 | Pointing Stability (μrad):    |

|                    |                                |
|--------------------|--------------------------------|
| Optical Properties |                                |
| 100:1              | Polarization:                  |
| TEM <sub>00</sub>  | Spatial Mode:                  |
| 348.80             | Wavelength (nm):               |
| ≤1.1               | Mode Quality, M <sup>2</sup> : |
| ±0.05              | Beam Diameter Tolerance (mm):  |
| 0.7                | Beam Diameter (mm):            |
| Full-Angle: <0.8   | Beam Divergence (mrad):        |
| UV                 | Color:                         |

|                        |                    |
|------------------------|--------------------|
| Electrical             |                    |
| 60                     | Output Power (mW): |
| ≤0.25% (20Hz to 20MHz) | RMS Noise:         |

|                                   |              |
|-----------------------------------|--------------|
| Hardware & Interface Connectivity |              |
| Free Space                        | Output Type: |

|                                    |                             |
|------------------------------------|-----------------------------|
| Environmental & Durability Factors |                             |
| +10 to +35                         | Operating Temperature (°C): |

|                       |                             |
|-----------------------|-----------------------------|
| Regulatory Compliance |                             |
| <a href="#">View</a>  | 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.