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## 50 x 300mm, Gimbal Crossmember Plate, Metric

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300mm, Gimbal Crossmember Plate

Stock **#71-112** **1 In Stock**

1  C\$306<sup>.00</sup>

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### Product Downloads

#### General

Mounting Plate **Type:**

Zaber Technologies Inc. **Manufacturer:**

#### Physical & Mechanical Properties

50.00 **Length (mm):**

9.50 **Thickness (mm):**

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300.00	<b>Width (mm):</b>
0.66	<b>Weight (kg):</b>

## Threading & Mounting

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(9) M6 x 1.0 tapped (8) M4 x 0.7	<b>Mounting Threads:</b>
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## Regulatory Compliance

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<a href="#">Compliant</a>	<b>RoHS 2015:</b>
<a href="#">View</a>	<b>Certificate of Conformance:</b>

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<a href="#">Compliant</a>	<b>Reach 247:</b>
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## Product Details

- 360° Continuous Travel
- Speed up to 24°/s, Max Torque of 10N-m
- Max Centered Payload of 15kg; Max Cantilevered Load Capacity of 20N-m
- 300 and 500mm Payload Width Frame Options Available

Zaber™ High Load Capacity Motorized Gimbals are large, motorized two-axis rotation platforms that simplify the angular positioning of large components or subsystems within an optical system. All gimbals feature 360° continuous travel, two axis rotation around a single point, speed up to 24°/s, a Cantilevered Load Capacity of 20N-m, a rotary quadrature encoder resolution of 200 counts per revolution (CPR), and are available for payload widths of either 300 or 500mm. Drilled and tapped crossmember plates, used to create a mounting platform within the gimbal, are available with either English ([#71-113](#) or [#71-115](#)) or Metric ([#71-112](#) or [#71-114](#)) mounting options, and can also be used to quickly swap different components or pre-built subsystems into the gimbal. Zaber™ High Load Capacity Motorized Gimbals feature built-in controllers and motors allowing for closed-loop operation, slip/stall recovery, and independent axis control via a single RS-232 or USB connection for plug-and-play functionality and easy system integration. These gimbals are ideal for telecom, scanning, and tracking applications where high-load capacity and high-precision angular positioning is required.

**Note:** A [48 VDC universal power supply](#), [data cables](#) for daisy chaining, and computer interface cables ([USB](#) or [RS-232](#)) are sold separately as accessories. All Zaber™ High Load Capacity Motorized Gimbals are compatible with [Zaber Launcher](#) and [Zaber's Motion Library](#).