Optical Rails

Key Features

- Stable, low-profile design
- No expensive carriages required
- Many available bases and components fit with no adaptors
- Tie-down flexibility
- Can be positioned at any angle on an optical table
- Symmetrical design—components can mount on either side

Related Products

- B1-A Adaptor Plate

URL Optical Rails are low-cost mounting systems that can convert any table into an optical bench. Experiments can be easily set up, moved, stored and reused as needed, saving hours of valuable laboratory time. No expensive carriages or adaptors are required, since components bolt directly to the rail or to a variety of cost-effective adjustable bases and stages.

The precision, anodized aluminum rail has a thoroughly symmetrical design, so components can mount on both the top and bottom faces. The rail recesses are machined flat, and any inner edge can serve as a straight-edge reference for fast, dependable alignment of components. Two rows of tapped mounting holes run along the entire length of the rail to directly accommodate a wide variety of components.

A varied pattern of slots allows the rails to be tied down to an optical table at any angle.

For infinite positioning versatility, the AMB Adjustable Bases, B Series Sliding Bases and TSX-1D Translation Stage all bolt directly to the rail. The optional B1-A Adaptor provides a standard pattern of mounting holes to rigidly mount virtually any component, including those that overhang the rail edge.

Custom Mechanics

For custom sizes and specifications, call our applications engineers.

1-800-222-6440  
tech@newport.com

Model URL-18

Drawings

For detailed drawing see page 22-108 or our web site for CAD files.

Ordering Information

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<thead>
<tr>
<th>English Model</th>
<th>Metric Model</th>
<th>Length [in. (mm)]</th>
<th>Price</th>
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