

Optical Rail Carrier

BEM - 5204 Series

Brolight Dovetail Optical Rail Carriers are designed to mount components onto our BEM-5201 Dovetail Optical Rail. Once attached, these carriers enable precise one-dimensional positioning of optomechanics at any point along the rail.

Featuring precision-machined surfaces, the carriers maintain excellent lateral alignment during translation while allowing tool-free snap-on installation at any position—no need for end-loading. Each carrier includes a hand-tightened locking screw with a spring-loaded plastic tip for quick and secure fixation.

To accommodate different load requirements, carriers of varying lengths are available for optimal matching with your application.



Key Features

- Tool-free snap-on mounting at any rail position
- Spring-loaded plastic-tip locking screw for secure fixation
- Precision-machined surfaces for smooth, stable movement
- Multiple length options to suit varying load capacities

Specifications

Model	BEM-5204-xxx
Length	30mm, 50mm, 90mm, 160mm
Width	78mm
Height	21.5mm
Material	Al
Fixed Hole	M6

Dimensions (mm)

