

[See all 8 Products in Family](#)

## 100mm Length, Compact Optical Rail



Stock #54-927 **20+ In Stock**

⊖ 1 ⊕ S\$114.10

**ADD TO CART**

Volume Pricing	
Qty 1-9	S\$114.10 each
Qty 10+	S\$100.80 each
Need More?	<a href="#">Request Quote</a>

### Product Downloads

#### General

Universal (Metric & English) **Type:**

Rail **Note:**

#### Physical & Mechanical Properties

Linear (X) **Type of Movement:**

100	Travel (mm):
3.94	Travel (inches):
100.00	Length (mm):
19.00	Width (mm):
Black Anodized Aluminum	Construction:
10	Height (mm):
0.03	Weight (kg):

### Threading & Mounting

None	Mounting Threads:
------	-------------------

### Regulatory Compliance

Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 247:

## Product Details

- Rails and Carriers Available
- Mount on English and Metric Breadboards
- Low Profile Design

Compact Optical Rail Systems are designed to mount and position optical components easily and to provide a defined optical axis with straightness within 1mm over 1m. Rails feature slots that allow M6 or 1/4-20 socket head cap screws to lock the rail to breadboards or optical tables. Carriers feature mounting holes for metric posts and post holders and utilize thumbscrews to lock the carrier to a rail. Compact Optical Rail Systems are constructed of black anodized aluminum to decrease glare or stray reflections. The rail systems are ideal for compact benchtop applications.

**Note:** Rails and carriers are sold separately.

## Technical Information

