ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Newport / Micro-Controle M-CXL48-50* at our website: ***Click HERE***

X48 Aluminum Four-Sided Optical Rail System

The X48 Series Rail System is made of solid, yet lightweight, aluminum with a symmetrical cruciform cross-section to accommodate its dovetail-style carriers on all four sides, which are mounted and removed easily. The unique shape of the rail also increases its longitudinal and torsional stiffness, despite its versatile profile.



- Solid aluminum rails with secure dovetail style mounting
- Unique cross section has four mounting surfaces & optimal rigidity
- Four rail lengths and two carrier lengths are available
- Compatible with a wide range of stages and mounts
- Excellent for larger optical systems

See All Features

Compare	Model	Type	Rail Length	Thread Type	Height	Length
	X48-0.5 Optical Rail, Aluminum, 500 mm Length, M4 Threads, X48 Series	Four Sided Optical Rail	500 mm	M4	47.5 mm	500 mm
	X48-1 Optical Rail, Aluminum, 1000 mm Length, M4 Threads, X48 Series	Four Sided Optical Rail	1000 mm	M4	47.5 mm	1000 mm
	X48-1.5 Optical Rail, Aluminum, 1500 mm Length, M4 Threads, X48 Series	Four Sided Optical Rail	1500 mm	M4	47.5 mm	1500 mm
	X48-2 Optical Rail, Aluminum, 2000 mm Length, M4 Threads, X48 Series	Four Sided Optical Rail	2000 mm	M4	47.5 mm	2000 mm

Specifications

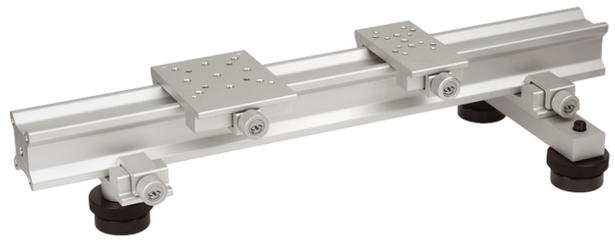


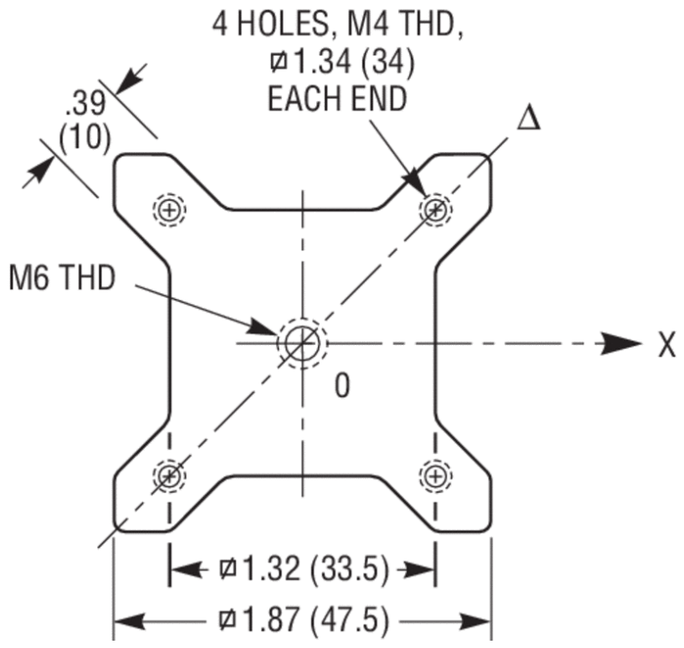
Models	X48-0.5	X48-1	X48-1.5	X48-2
Type	Four Sided Optical Rail	Four Sided Optical Rail	Four Sided Optical Rail	Four Sided Optical Rail
Rail Length	500 mm	1000 mm	1500 mm	2000 mm
Height	47.5 mm	47.5 mm	47.5 mm	47.5 mm
Width	47.5 mm	47.5 mm	47.5 mm	47.5 mm
Material	Aluminum	Aluminum	Aluminum	Aluminum
Weight	2.1 kg	4.2 kg	6.3 kg	8.4 kg
Thread Type	M4	M4	M4	M4

Features

Solid Aluminum with Dovetail Mounting

Rails and carriers of the X48 Series are made of solid aluminum to provide rigid, yet lightweight support to optical systems. The precision dovetail design allows components to be quickly attached or removed without disturbing other carriers or components. Aluminum housed, knurled knobs securely clamp carriers to the rail and eliminate contact between the screw shaft and the rail to prevent rail damage from over-tightening.



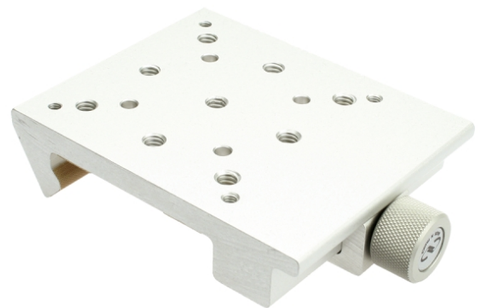


Unique Symmetrical Cruciform Shape Provides Four Mounting Surfaces

A symmetrical 47.5 mm cruciform cross-section accommodates dovetail-style carriers on all four sides for easy mounting and removal. The unique rail shape increases its longitudinal and torsional stiffness, despite its versatile profile.

48 mm Aluminum Optical Rail Carriers

CXL48 Series Carriers enable fast, easy mounting and secure clamping of components at any point along the rail. CXL48-50 and CXL48-80 Carriers are specially designed to support positioners with the 50 and 80 module size, respectively. Knurled knobs are used to securely clamp the carriers to the rail. A unique clamp design eliminates contact between the screw shaft and the rail for smoother sliding, more stable positioning, and prevention of possible rail damage from over-tightening. A stable optical bench can be built using the X48 rail with the BCX48S Single Foot and the BCX48D Double Foot. The feet are adjustable in height to assist in leveling the rail.



Accessories

Compare	Description
	**BCX48S** Single Foot Support Leg, X48 Series Optical Rails
	**CXL48-50** Optical Rail Carrier, X48, 50 mm Length, 1/4-20, 8-32 and 4-40 Thread
	**M-CXL48-80** Optical Rail Carrier, X48, 80 mm Length, M3, M4, and M6 Thread
	**BCX48D** Double Foot Support Leg, X48 Series Optical Rails
	**CXL48-80** Optical Rail Carrier, X48, 80 mm Length, 1/4-20, 8-32 and 4-40 Thread
	**M-CXL48-50** Optical Rail Carrier, X48, 50 mm Length, M3, M4, and M6 Thread

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP