

▼ CHAPTERS

Fiber Patch
Cables

Bare Fiber

Fiber
OptomechanicsFiber
ComponentsTest and
Measurement

▼ SECTIONS

FiberBench

FiberPorts

Fiber Launch
Platforms

Fiber Adapters

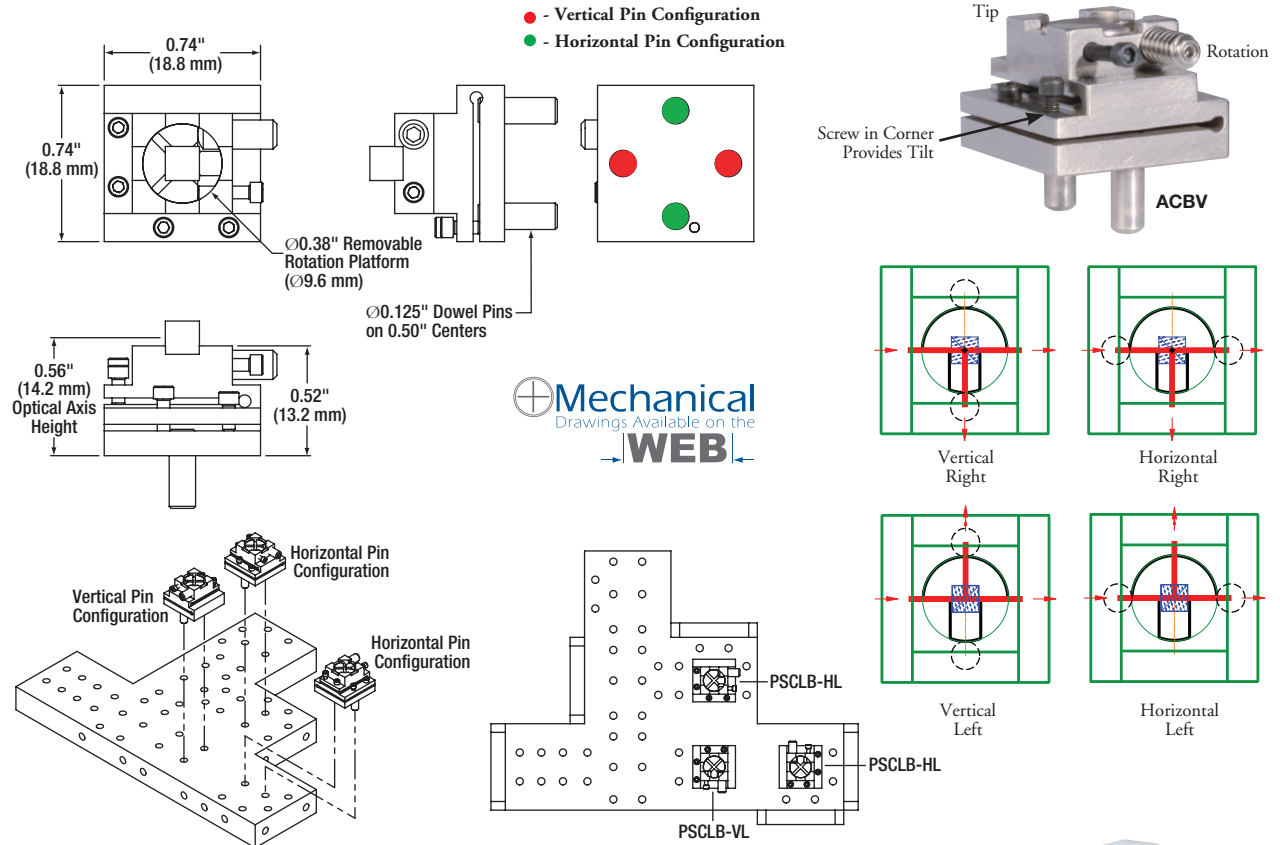
For current pricing,
please see our website.

Adjustable Polarizing Cube, Plate, and Mirror Tutorial

For applications that require a beam to be split or reflected, we offer polarizing cubes, beamsplitter plates, and mirrors mounted to a multi-axis flexure base. The base allows for tip, tilt, and rotational adjustment for precise beam alignment and steering control. The modules provide easy adjustment to the mechanism without interfering with the beam path. You can choose the mount that directs the beam to the correct port's path so that the adjusting screws are in a convenient position for your setup. The flexure base has vertical and horizontal pin mounting orientations. The vertical pin configuration is the most common and is used on all

FiberTables, except the FT-100X100 and FT-114X149. Please contact tech support, and a FiberBench expert will help you.

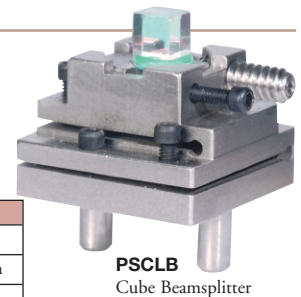
A vertical pin configuration is defined as having the pins mounted parallel to the rotation adjustment screw. In the horizontal configuration, the pins will be mounted perpendicular to the rotation adjustment screw. The next designation is handled as a right or left turn of the incoming beam. The right or left designation will determine the orientation of the cube, plate, or mirror with respect to the rotation adjustment screw. See the sketches and diagrams below for help in selecting a component.



Adjustable Polarizing Cube Beamsplitter Modules

The PSCLB Series of modules uses a polarizing beamsplitter cube mounted on the ACBH or ACBV flexure base. Each module provides a polarization-dependent split with an extinction ratio that is better than a 1000:1. Other wavelengths are available. Please contact Tech Support for a quotation.

ITEM #	\$	£	€	RMB	DESCRIPTION
PSCLB-VL-780	\$ 400.00	£ 288.00	€ 348.00	¥ 3,188.00	FiberBench Beamsplitter, Vertical Left, 620 - 1000 nm
PSCLB-HL-780	\$ 400.00	£ 288.00	€ 348.00	¥ 3,188.00	FiberBench Beamsplitter, Horizontal Left, 620 - 1000 nm
PSCLB-VR-780	\$ 400.00	£ 288.00	€ 348.00	¥ 3,188.00	FiberBench Beamsplitter, Vertical Right, 620 - 1000 nm
PSCLB-HR-780	\$ 400.00	£ 288.00	€ 348.00	¥ 3,188.00	FiberBench Beamsplitter, Horizontal Right, 620 - 1000 nm
PSCLB-VL-1064	\$ 400.00	£ 288.00	€ 348.00	¥ 3,188.00	FiberBench Beamsplitter, Vertical Left, 900 - 1300 nm
PSCLB-HL-1064	\$ 400.00	£ 288.00	€ 348.00	¥ 3,188.00	FiberBench Beamsplitter, Horizontal Left, 900 - 1300 nm
PSCLB-VR-1064	\$ 400.00	£ 288.00	€ 348.00	¥ 3,188.00	FiberBench Beamsplitter, Vertical Right, 900 - 1300 nm
PSCLB-HR-1064	\$ 400.00	£ 288.00	€ 348.00	¥ 3,188.00	FiberBench Beamsplitter, Horizontal Right, 900 - 1300 nm
PSCLB-VL-1550	\$ 400.00	£ 288.00	€ 348.00	¥ 3,188.00	FiberBench Beamsplitter, Vertical Left, 1200 - 1600 nm
PSCLB-HL-1550	\$ 400.00	£ 288.00	€ 348.00	¥ 3,188.00	FiberBench Beamsplitter, Horizontal Left, 1200 - 1600 nm
PSCLB-VR-1550	\$ 400.00	£ 288.00	€ 348.00	¥ 3,188.00	FiberBench Beamsplitter, Vertical Right, 1200 - 1600 nm
PSCLB-HR-1550	\$ 400.00	£ 288.00	€ 348.00	¥ 3,188.00	FiberBench Beamsplitter, Horizontal Right, 1200 - 1600 nm



Specifications

- **Clear Aperture:** Ø1.5 mm
- **Beam Deviation:** ±5 arcmin
- **Wavefront Distortion:** ≤λ/4

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ModulesSee page
1074