

CHAPTERS

Tables/
Breadboards

Mechanics

Optomechanic
Devices

Kits

Lab Supplies

SECTIONS

Mini Series

Ø1/2" Post
Assemblies

Ø1" Post
Assemblies

Ø1.5" Post
Assemblies

Mounting/Angle
Brackets

Lab Platforms

Instrument Shelves

Lens Tubes

Cage Systems

Optical Rails

Mirror Mounts

Kinematic Mounts

Fixed Mounts

Translation Mounts

Rotation Mounts

Filter Mounts

V-Mounts

Iris Apertures

Adapters

For current pricing,
please see our website.

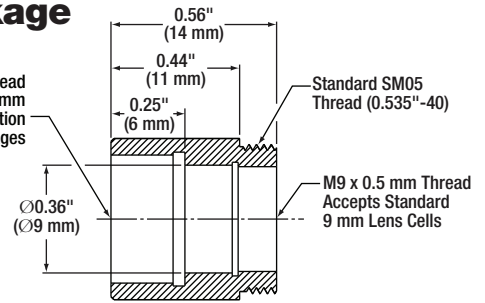
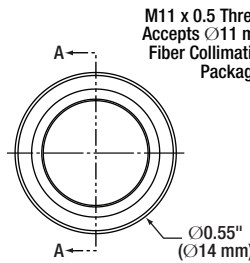
SM05-Compatible Fiber Collimation Package



AD1109F

Also Available
in Ø1.00"

- Internally M11 x 0.5 and M9 x 0.5 Threaded
- External SM05 Threads
- Compatible with Many Collimation Packages and Aspheric Lens Cells



AD1109F with an
F230FC-B Aspheric
Lens Collimation Package

The AD1109F adapter is designed to mount optical components with external M11-0.5 threading in SM05 (0.535"-40) compatible mounts, lens tubes, and cage components. Thorlabs' F220, F230, and F260 series of fixed aspheric lens fiber collimation packages have external M11-0.5 threading. The AD1109F can be paired with the SM1A6 (see page 337) to provide compatibility with SM1-threaded mounts, lens tubes, and cage components.

ITEM #	\$	£	€	RMB	DESCRIPTION
AD1109F	\$ 29.00	£ 20.88	€ 25.23	¥ 231.13	SM05 Adapter for Ø11 mm Collimators

SM1 Series of Fiber Collimation Package Adapters

The AD Series of collimator adapters is designed to mount Thorlabs' aspheric lens and large-beam collimators into SM1 (1.035"-40) threaded lens tube systems. The collimators are held in place with two setscrews. All adapters are designed such that the collimators are aligned with the lens system's optical axis.

ITEM #	\$	£	€	RMB	DESCRIPTION
AD8F	\$ 27.50	£ 19.80	€ 23.93	¥ 219.18	SM1 Adapter for Ø8 mm Collimators
AD9.5F	\$ 26.00	£ 18.72	€ 22.62	¥ 207.22	SM1 Adapter for Ø9.5 mm Collimators
AD11F	\$ 27.80	£ 20.02	€ 24.19	¥ 221.57	SM1 Adapter for Ø11 mm Collimators
AD12F	\$ 28.80	£ 20.74	€ 25.06	¥ 229.54	SM1 Adapter for Ø12 mm Collimators
AD15F	\$ 29.90	£ 21.53	€ 26.01	¥ 238.30	SM1 Adapter for Ø15 mm Collimators



AD8F

Fiber and Optic
Sold Separately

AD11F

Unthreaded Fiber Collimator Adapter

- AD11NT:** 1.00" (25.4 mm) External Diameter, Ø11.0 mm (Ø0.43") Internal Bore
- AD12NT:** 1.00" (25.4 mm) External Diameter, Ø12.0 mm (Ø0.47") Internal Bore
- AD15NT:** 1.00" (25.4 mm) External Diameter, Ø15.0 mm (Ø0.59") Internal Bore

The AD11NT and AD12NT are designed to mount Ø11.0 mm and Ø12.0 mm collimation packages, respectively, within Ø1.00" optical mounts. The AD15NT is designed to mount our F810 and LT Series of Collimation Packages within Ø1.00" mounts. The adapters have a 1.00" outer diameter and a double-bored center hole. Two nylon-tipped setscrews are used to secure the collimation package within the adapter so that its optical axis is coincident with the center of the mating component.

ITEM #	\$	£	€	RMB	DESCRIPTION
AD11NT	\$ 22.00	£ 15.84	€ 19.14	¥ 175.34	Ø11 mm Collimator to Ø1" Adapter
AD12NT	\$ 22.00	£ 15.84	€ 19.14	¥ 175.34	Ø12 mm Collimator to Ø1" Adapter
AD15NT	\$ 22.00	£ 15.84	€ 19.14	¥ 175.34	Ø15 mm Collimator to Ø1" Adapter



AD11NT

AD15NT

AD12NT

Complete Line of Fiber Collimators
See Pages 1097 - 1103

SM1-Compatible GRIN Fiber Collimation Package Adapter



SM1PT

The SM1PT has been designed to mount and integrate GRIN Fiber Collimation packages (see page 1107) into Thorlabs' SM1 (1.035"-40) Lens Tubes. This adapter plate utilizes a nylon-tipped setscrew to secure the Grin Collimator in place. When used in conjunction with an SM1RR retaining ring (sold separately), the SM1PT can be locked into place within an SM1-compatible components.

- Ø3.5 mm Center Hole
- Directly Mounts to Internally Threaded SM1 (1.035"-40) Components
- Collimator Locks via a Nylon-Tipped Setscrew

GRIN Fiber
Collimator Shown
with SM1PT
Adapter



ITEM #	\$	£	€	RMB	DESCRIPTION
SM1PT	\$ 31.00	£ 22.32	€ 26.97	¥ 247.07	SM1-Threaded GRIN Fiber Collimator Adapter
SM1RR	\$ 4.50	£ 3.24	€ 3.92	¥ 35.87	SM1-Threaded Retaining Ring