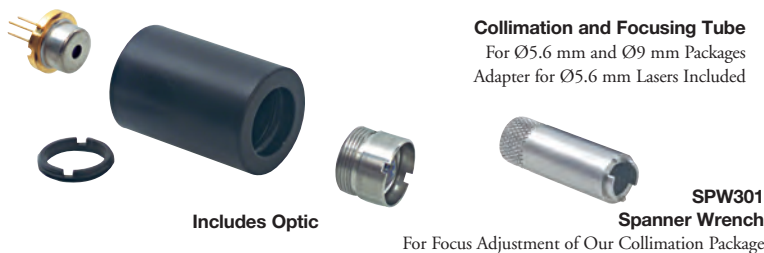


Collimation Tubes with Optics for Ø5.6 mm and Ø9 mm Laser Packages



Collimation and Focusing Tube
For Ø5.6 mm and Ø9 mm Packages
Adapter for Ø5.6 mm Lasers Included

Features

- Precision Mount for Standard Ø9 mm and Ø5.6 mm Laser Packages
- Threaded Retaining Ring for Holding Laser
- Easily Replace Laser Diodes
- Lens Mount with Adjustable Focus

Thorlabs' line of collimation and focusing tubes with optics offer precision mounts for standard Ø9 mm and Ø5.6 mm laser packages. Lasers can be easily replaced, and the lens mounts have an adjustable focus. The packages include a main tube, an optic, a retaining ring, a rubber O-ring, and an adapter (for the Ø5.6 mm packages). The collimation tubes feature a diffraction-limited aspheric optic with a multilayer broadband AR coating.



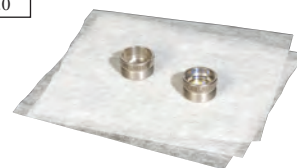
Mechanical
Drawings Available on the
WEB

Collimation Tubes and Optics

ITEM#	\$	£	€	RMB	WAVELENGTH RANGE	PACKAGE LENGTH	NUMERICAL APERTURE	f (mm)
LT110P-B	\$ 111.00	£ 77.00	€ 98,60	¥ 937.30	650 - 1050 nm	0.85"	0.40	6.24
LT220P-B	\$ 111.00	£ 77.00	€ 98,60	¥ 937.30	650 - 1050 nm	1.00"	0.25	11.0
LT230P-B	\$ 111.00	£ 77.00	€ 98,60	¥ 937.30	650 - 1050 nm	0.75"	0.55	4.5
LT240P-B	\$ 143.00	£ 99.20	€ 127,00	¥ 1,207.50	650 - 1050 nm	0.95"	0.50	8.0

C230220P-B

Details on these molded glass aspheres as well as our entire selection of these products can be found on pages 626-643.



Focusing Tubes and Optics

ITEM#	\$	£	€	RMB	DESCRIPTION	L
LT230220P-B	\$ 228.00	£ 158.10	€ 202,50	¥ 1,925.30	Laser Tube with C230220P-B Optic Pair	0.24"
LT230260P-B	\$ 228.00	£ 158.10	€ 202,50	¥ 1,925.30	Laser Tube with C230260P-B Optic Pair	0.55"

*Compatible with SPW301 and AD15F shown above

ITEM#	\$	£	€	RMB	DESCRIPTION
SPW301	\$ 14.00	£ 9.70	€ 12,50	¥ 118.30	Spanner Wrench for LT110P, LT220P, and LT230P
SPW302	\$ 14.50	£ 10.05	€ 12,90	¥ 122.50	Spanner Wrench for LT240P
AD15F	\$ 29.90	£ 20.80	€ 26,60	¥ 252.50	Adapter for Collimation Tubes to SM1 Thread

AD15F

Mounting adapter to integrate collimation tubes into our SM1-threaded components.

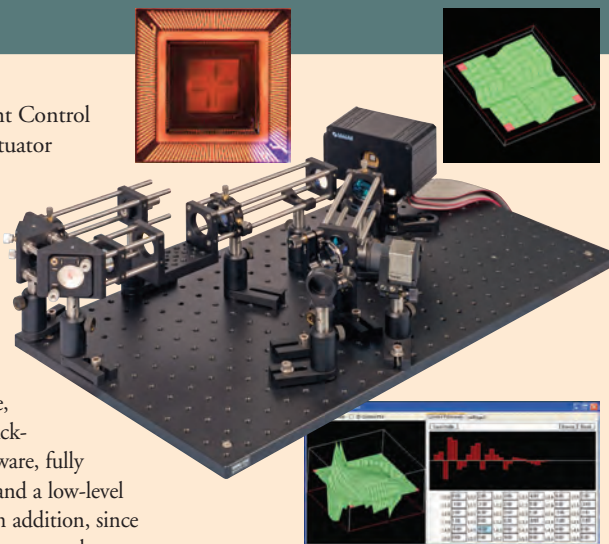


Adaptive Optics Toolkit

Features

- Out-of-the-Box Functionality for Real-Time, High-Precision Wavefront Control
- MEMS-Based DM Achieves High Spatial Resolution Due to High Actuator Count and Low Inter-Actuator Coupling
- Shack-Hartmann Wavefront Sensor with High Resolution CCD Camera and High-Quality Microlens Array
- Includes Light Source, Imaging Optics, and Associated Mounting Hardware

Thorlabs' new Adaptive Optics (AO) Toolkits removes the barrier for entry into adaptive optics, making this real-time wavefront-correcting technology accessible to researchers and OEM users alike. The kit includes Boston Micromachines Corporation's state-of-the-art, 140-element, 3.5 micron stroke, MEMS-based deformable mirror. Also included is a Thorlabs' WFS150C Shack-Hartmann wavefront sensor, all necessary imaging optics and mounting hardware, fully functional stand-alone control software for immediate control of the system, and a low-level support library to assist with tailored applications authored by the end user. In addition, since the kit ships as three pre-aligned optomechanical sections that only need to be arranged on a user-supplied breadboard, our adaptive optics toolkits provide a near out-of-the-box solution for real-time wavefront compensation.



See Pages 1406-1411