

Optomechanics

Mounting Basics

Optical Rails

Mirror Mounts

Lens Mounts

Filter Mounts

Rotation Mounts

Adapters

V-Mounts

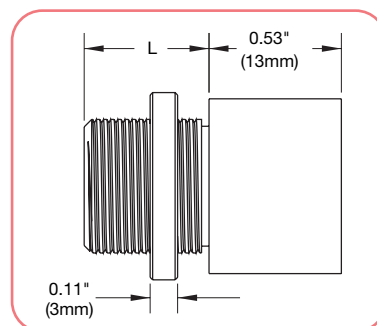
Apertures & Iris Diaphragms

Lens Tubes

Cage Systems

SM Series Adjustable Length Lens Tubes

The SM Series of adjustable focus tubes allow fine control between optical components within a lens tube system. The front portion of the adjustable tube can be mounted to another lens tube assembly. These rotating adjustable focus tubes are available in various lengths for Ø1/2", Ø1", and Ø2" lens tubes and are an ideal solution for fine tuning the first and last lenses in a lens tube system.



ITEM#	\$	£	€	RMB	L	EXTERNAL THREAD	DESCRIPTION
SM05V05*	\$ 28.60	£ 18.00	€ 26.60	¥ 273.10	1/2"	0.535"-40	Ø1/2" Rotating Adjustable Length, 1/2" Travel
SM1V05*	\$ 29.60	£ 18.60	€ 27.50	¥ 282.70	1/2"	1.035"-40	Ø1" Rotating Adjustable Length, 1/2" Travel
SM1V10*	\$ 32.60	£ 20.50	€ 30.30	¥ 311.30	1"	1.035"-40	Ø1" Rotating Adjustable Length, 1" Travel
SM2V10*	\$ 57.10	£ 36.00	€ 53.10	¥ 545.30	1"	2.035"-40	Ø2" Rotating Adjustable Length, 1" Travel

*One retaining ring included with each lens tube

SM1 Series Angled Optic Mounts



SM05L03T



SM1L03T

- 10° Angle Reduces Etalon Effects on Plano/Plano Optics
- Eliminates Back-Reflections
- Accepts Optics up to 5mm Thick

The SM05L03T and SM1L03T angled optic mounts are designed especially for mounting 1/2" or 1" optical windows in an optical setup. The mounts are designed with a 10° angle to minimize back reflections and feature SM threads on the rear side, allowing them to be easily coupled to a Ø1/2" or Ø1" lens tube. Using our lens tube adapters, the mounts can also be added to a Ø2" and Ø3" lens tube setup. Both mounts accept optics up to 5mm thick and can be used for any of our narrowband laser windows or wide-band windows.

ITEM #	\$	£	€	RMB	DESCRIPTION
SM05L03T	\$ 49.00	£ 30.90	€ 45.60	¥ 468.00	10° Angled Optic Mount
SM1L03T	\$ 53.00	£ 33.40	€ 49.30	¥ 506.20	10° Angled Optic Mount

*One retaining ring included with each unit

SM1 Series Zoom Housing



SM1ZM

- 4mm Travel
- 0.5mm Per Revolution

The SM1ZM non-rotating zoom housing provides 4mm of linear travel without rotating the optical element mounted in it. A fine helical mechanism moves the front barrel back and forth while restricting any rotational movement at a resolution of 0.5mm per revolution. This high-precision zoom housing provides the ability to control accurately the exact working distance of an optical element within a system. The non-rotating feature of this adjustable lens tube provides an excellent solution for rotation-sensitive optical elements such as wave plates. Additionally, this non-rotating variable lens tube can be coupled with two Ø1" tubes without rotating them, thus enabling accurate positioning of a lens in the center of a lens tube system.

ITEM #	\$	£	€	RMB	DESCRIPTION
SM1ZM	\$ 159.10	£100.20	€148.00	¥ 1,519.40	SM1 Series Zoom Housing

*One SM1RR included

SM Series Endcaps

These endcaps are designed to provide a means to protect delicate optical assemblies. The blank plugs (SM1PL1 and SM1PL2) are both intended to be user modified.



SM05CP1

SM05CP2

SM1CP1

SM1CP2

ITEM#	\$	£	€	RMB	DESCRIPTION
SM05CP1	\$ 16.30	£ 10.30	€ 15.20	¥ 155.70	SM05 Endcap and Internal Threads
SM05CP2	\$ 16.30	£ 10.30	€ 15.20	¥ 155.70	SM05 Series Endcap External Threads
SM1CP1	\$ 18.80	£ 11.80	€ 17.50	¥ 179.50	SM1 Series Endcap Internal Threads
SM1CP2	\$ 18.80	£ 11.80	€ 17.50	¥ 179.50	SM1 Series Endcap External Threads
SM1PL2	\$ 18.80	£ 11.80	€ 17.50	¥ 179.50	SM1 Series Endcap for Machining, External Threads
SM1PL1	\$ 12.00	£ 7.60	€ 11.20	¥ 114.60	SM1 Series End Plug
SM2CP1	\$ 26.50	£ 16.70	€ 24.60	¥ 253.10	SM2 Series Endcap Internal Threads
SM2CP2	\$ 26.50	£ 16.70	€ 24.60	¥ 253.10	SM2 Series Endcap External Threads