

SMA Collimator

Controlling divergence and field of view



Collimating lenses can be used to focus light into an optical fiber and to collimate the divergent light coming out of an optical fiber. They allow users to control the field of view and therefore the spatial resolution and collection efficiency. Collimators are also used to measure radiance and luminance.

The SMA collimator can be attached to a fiber cable with an SMA905 connector. The position of the optical fiber can be adjusted to match the focus point.

The SMA Collimator is available with lenses made of UV fused silica and N-BK7 glass.

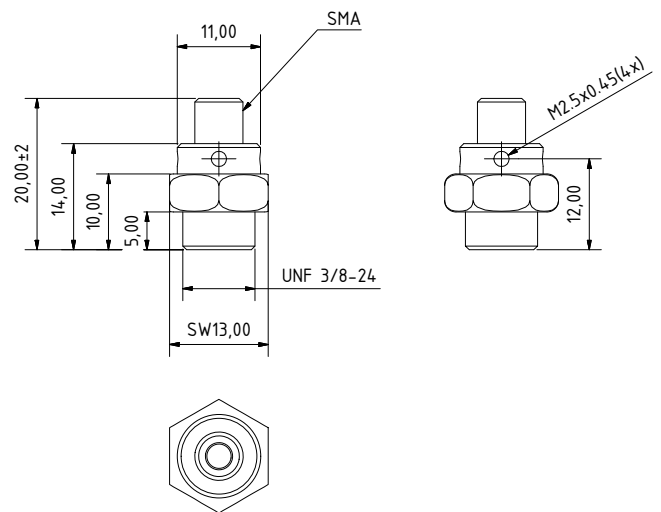
Specifications

Wavelength range	N-BK7:	350 - 2500 nm
	UV fused silica:	185 - 2100 nm
Focal length	10 mm	
Aperture	6 mm	
Lens surface	uncoated	
Housing	black anodized aluminium	
Optical interface	SMA connector (other interfaces on request)	

Mechanical Connections

Fiber connector	SMA905
Collimated side	UNF 3/8"-24 thread

Mechanical Drawing



Ordering Information

Part number	Description
AC-COLLENS-SMA	SMA collimator with N-BK7 lens (350 - 2500 nm)
AC-COLLENS-SMA-UV	SMA collimator with UV fused silica lens (185 - 2100 nm)

Contact

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