

Collimating lens

UV5-10

Feature:

- Connector: SMA905
- Spectral Range: 200-2500nm
- Lens materials: BaF10 and FD10 fused Silica
- Lens diameter: 6-6.5mm
- Length focal length: 10mm
- Focal length adjustable: 5mm
- Compatible Aperture: 0.22-0.37NA
- Housing material: Aluminium Alloy
- Housing color: black
- Working Temp: -30~200°C
- Thread: UNF 3/8 " -24
- Outer hexagon dimension: 12.7mm

Description:

This product is used for collimation and focusing of optical fibers, with a standard SMA905 connector at one end for connecting fibers and a 3/8-24UNF-2A thread at the other end. The structure can be adjusted by three setting screws, and the beam passes through the lens without a divergence angle of no more than 2°. The beam field of view, which can be adjusted in UV-VIS or VIS-NIR applications, can be adjusted between convergence and divergence (~45°). UV5-10 fiber collimator can be used as an optical fiber probe after connecting to the fiber optic to collect the spectrum of the target point; two fiber optic collimators with two fibers and a fixed seat can realize absorbance test, transmittance test and fluorescence test.



UV5-10

Specifications	
Connects To:	Optical fiber
Lens Material:	BaF10 and FD10 fused silica
Type:	Achromatic doublet
Wavelength Range:	200-2500nm
Connector:	SMA 905 6.35 mm ferrule
Connector Threads:	3/8-24 external thread
Diameter:	6-6.5mm
Focal Length Specification:	10mm
Operating Temperature:	-30~200°C