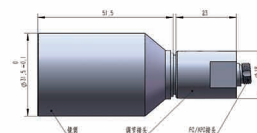


## ▶ 远距离准直器100M

Long Distance Collimator For 100

可将光纤出光进行准直整形，用于不同光纤连接出射的激光，在设计波长下提供衍射极限性能，准直距离可达200米。此系列准直镜的结构紧凑，不受错位影响。设计时进行消像差处理，选用空气间隔的双透镜系列，具有极好的准直效果和耦合空间光的能力，双透镜的有效焦距与波长有关。因此，此系列准直镜头需在设计波长下使用，性能最佳。



The fiber optic beam can be collimated and shaped for different lasers output through fiber optic connections, providing diffraction-limited performance at the design wavelength, with a collimation distance of up to 200 meters. The structure of this series of collimators is compact. Aberration correction is performed during design by selecting an air-spaced doublet lens series, which has excellent collimation effect and ability to couple space light. The effective focal length of the doublet lens depends on the wavelength. Therefore, this series of collimators should be used at the design wavelength for optimal performance.



### 特征 Features:

- 接头类型可选 Three Connector Options: FC/PC、FC/APC、SMA905
- 在200M范围内保持良好的准直特性 Maintain good collimation characteristics within a range of 200 meters.
- 结构紧凑，便于安装 Compact structure, Convenient for installation
- 接受定制波长 Custom Options including wavelengths
- 建议选配远讯的标准跳线，提高参数的重复性和一致性

It is recommended to select Ysensor's standard patch cords to improve the repeatability and consistency of the parameters.

Wavelength	Bandwidth	Waist Beam	Divergence Angle	EFL	NA (Lens)	Fiber Type	connector	Transmittance
405nm	±30nm	10.2mm	0.09mrad	66.5mm	0.19	405HP	FC/PC FC/APC Sma905	>92%
450nm	±30nm	13.7mm	0.07mrad	68.4mm	0.18	460HP		
520nm	±30nm	14.2mm	0.06mrad	70.3mm	0.18			
635nm	±30nm	14.5mm	0.07mrad	72.1mm	0.17	630HP		
780nm	±30nm	14.2mm	0.07mrad	73.3mm	0.17	780HP		
850nm	±30nm	14.9mm	0.07mrad	73.7mm	0.17			
905nm	±30nm	14.9mm	0.07mrad	73.9mm	0.17			
980nm	±30nm	15.0mm	0.09mrad	74.2mm	0.17	980HP		
1064nm	±30nm	15.2mm	0.09mrad	74.5mm	0.17			
1310nm	±30nm	12.9mm	0.12mrad	75.1mm	0.17	Smf-28e		
1550nm	±30nm	14.2mm	0.14mrad	75.6mm	0.17			
1650nm	±30nm	14.5mm	0.14mrad	76.0mm	0.17			