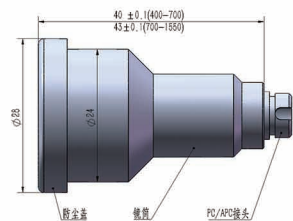


定焦大光束准直器 Large Beam Collimators

采用空气隙胶合透镜，能提供比非球面透镜和消色差透镜准直性能更优异的光束质量，低相差的透镜组设计可获得更接近高斯光束、更小的发散角和更小的波前误差。

By using an air gap bonded lens, it can provide better beam quality than aspherical lenses and achromatic lenses in terms of collimation performance. The design of a low aberration lens group can achieve a beam closer to a Gaussian beam, with smaller divergence angles and smaller wavefront errors.



特征 Features:

- 接头类型可选Three Connector Options: FC/PC、FC/APC、SMA905
- 兼容宽键和窄键的接头 Compatible with Narrow and Wide Key Connectors
- 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 Ysenser's standard patch cords to improve the repeatability and consistency of the parameters.

参数表 Parameter

输入单模光纤 Put In SM Fiber

Wavelength	Bandwidth	Waist Beam	Divergence Angle	EFL	NA (Lens)	Package Dia.	Fiber Type	Connector	Transmittance
405nm	±30nm	5.0 mm	0.16mrad	33.2 mm	0.27	Φ24mm	405HP	FC/PC FC/APC Sma905	>92%
450nm	±30nm	5.4mm	0.12mrad	33.5 mm	0.26	Φ24mm	460HP		
520nm	±30nm	6.1mm	0.10mrad	34.3 mm	0.26	Φ24mm			
635nm	±30nm	6.7 mm	0.12mrad	35.3 mm	0.25	Φ24mm	630HP		
780nm	±30nm	7.4 mm	0.14mrad	36.0 mm	0.25	Φ24mm	780HP		
850nm	±30nm	7.8 mm	0.14mrad	36.2 mm	0.25	Φ24mm			
905nm	±30nm	7.5mm	0.15mrad	36.3mm	0.25	Φ24mm			
980nm	±30nm	8.6mm	0.16mrad	36.4 mm	0.25	Φ24mm	Hi1060		
1064nm	±30nm	7.8mm	0.17mrad	36.6 mm	0.25	Φ24mm			
1310nm	±30nm	6.6 mm	0.24mrad	36.7 mm	0.24	Φ24mm	Smf-28e		
1550nm	±30nm	6.9 mm	0.28mrad	37.1 mm	0.24	Φ24mm			
1654nm	±10nm	7.0 mm	0.30mrad	37.2mm	0.24	Φ24mm			

输入多模光纤 Put In MM Fiber

Wavelength	Bandwidth	Waist Beam	Divergence Angle	EFL	NA (Lens)	Package Dia.	Fiber Type	connector	Transmittance
450nm	±30nm	18.0mm	2.3mrad	33.5 mm	0.27	Φ24mm	62.5/125	FC/PC Sma905	>92%
	±30nm	14.6mm	6.5mrad	33.5 mm	0.27	Φ24mm	200/220		
	±30nm	14.6mm	12.5mrad	33.5 mm	0.27	Φ24mm	400/440		
488nm	±30nm	15.0mm	4.0mrad	34.1mm	0.27	Φ24mm	105/125		
	±30nm	15.0mm	7.0mrad	34.1mm	0.27	Φ24mm	200/220		
	±30nm	15.4mm	12.8mrad	34.1mm	0.27	Φ24mm	400/440		
520nm	±30nm	18.2mm	2.2mrad	34.3 mm	0.27	Φ24mm	62.5/125		
	±30nm	14.9mm	3.5mrad	34.3 mm	0.27	Φ24mm	105/125		
	±30nm	14.9mm	6.2mrad	34.3 mm	0.27	Φ24mm	200/220		
	±30nm	15.2mm	12.6mrad	34.3 mm	0.27	Φ24mm	400/440		

参数表 Parameter

Wavelength	Bandwidth	AR Coating	Beam Diameter (Fiber NA0.22)	EFL	Max. Power	Fiber Type	Pakage Dia.	NA	Connector
405nm	±2nm	R<0.1%@λ	9.5mm	19.4 mm	300W/cm ²	105um ~1000um	Φ24mm	0.35	FC/PC Sma905 D80
450nm	±2nm	R<0.1%@λ	9.5mm	19.7 mm					
520nm	±2nm	R<0.1%@λ	9.5mm	19.9 mm					
532nm	±2nm	R<0.1%@λ	9.5mm	20.0mm					
660nm	±2nm	R<0.1%@λ	9.5mm	20.3 mm					
795nm	±2nm	R<0.1%@λ	9.5mm	20.4mm					
808nm	±2nm	R<0.1%@λ	9.5mm	20.4mm					
905nm	±2nm	R<0.1%@λ	9.5mm	20.5mm					
976nm	±2nm	R<0.1%@λ	9.5mm	20.5mm					
1064nm	±2nm	R<0.1%@λ	9.5mm	20.6mm					
1310nm	±2nm	R<0.1%@λ	9.5mm	20.7mm					
1550nm	±2nm	R<0.1%@λ	9.5mm	20.7mm					
405nm	±2nm	R<0.1%@λ	48mm	97.0mm	300W/cm ²	105um ~1000um	Φ24mm	0.24	FC/PC Sma905 D80
450nm	±2nm	R<0.1%@λ	48mm	98.2 mm					
520nm	±2nm	R<0.1%@λ	48mm	99.4 mm					
532nm	±2nm	R<0.1%@λ	48mm	99.6 mm					
660nm	±2nm	R<0.1%@λ	48mm	100.8 mm					
795nm	±2nm	R<0.1%@λ	48mm	101.5mm					
808nm	±2nm	R<0.1%@λ	48mm	101.5mm					
905nm	±2nm	R<0.1%@λ	48mm	101.9mm					
976nm	±2nm	R<0.1%@λ	48mm	102.1mm					
1064nm	±2nm	R<0.1%@λ	48mm	102.2mm					
1310nm	±2nm	R<0.1%@λ	48mm	102.6mm					
1550nm	±2nm	R<0.1%@λ	48mm	102.9mm					