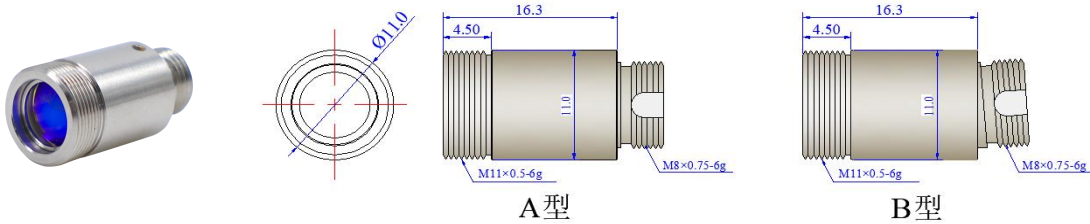
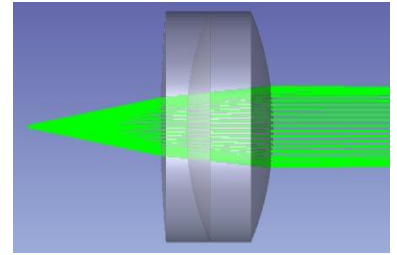


**单模光纤消色差准直器** 由一组长焦准直光学系统构成，有消色差、消像差设计，故准直器焦距对波长带宽不敏感。它将光纤出射的发散光束进行整形处理，使光束在一定距离范围内具备良好的准直效果和光斑形状。透镜组各光学表面镀制增透膜，最大限度减少表面反射。透镜和光纤的相对位置经过精密调试，确保出光偏角在  $0.3^\circ$  范围以内，同时标准化的制作工艺，确保产品稳定的一致性。



Wavelength	Bandwidth	Waist Beam	Divergence Angle	EFL	NA	Package Dia.	Fiber Type	connector	Transmittance
405nm	±30nm	0.97mm	0.062+0.01°	4.06mm	0.61	Φ11mm	405HP	FC/PC FC/APC Sma905	>95%
	±30nm	2.1mm	0.03+0.01°	10.05mm	0.37	Φ11mm			
	±30nm	3.7mm	0.021+0.01°	15.96mm	0.25	Φ11mm			
	±30nm	4.9mm	0.015+0.01°	19.95mm	0.20	Φ11mm			
450nm	±30nm	0.96mm	0.06+0.01°	4.10mm	0.60	Φ11mm	460HP		
	±30nm	2.1mm	0.028+0.01°	10.07mm	0.37	Φ11mm			
	±30nm	3.6mm	0.020+0.01°	15.98mm	0.25	Φ11mm			
	±30nm	4.7mm	0.014+0.01°	19.96mm	0.20	Φ11mm			
525nm	±30nm	0.92mm	0.059+0.01°	4.15mm	0.60	Φ11mm	460HP		
	±30nm	2.04mm	0.025+0.01°	10.09mm	0.37	Φ11mm			
	±30nm	3.2mm	0.019+0.01°	15.98mm	0.25	Φ11mm			
	±30nm	4.3mm	0.014+0.01°	19.97mm	0.20	Φ11mm			
635nm	±30nm	0.87mm	0.056+0.01°	4.20mm	0.58	Φ11mm	630HP		
	±30nm	2.0mm	0.024+0.01°	10.13mm	0.37	Φ11mm			
	±30nm	3.12mm	0.019+0.01°	16.01mm	0.25	Φ11mm			
	±30nm	3.95mm	0.014+0.01°	20mm	0.20	Φ11mm			
780nm	±30nm	1.95mm	0.031+0.01°	10.04mm	0.37	Φ11mm	780HP		
	±30nm	3.49mm	0.020+0.01°	16.0mm	0.24	Φ11mm			
	±30nm	4.4mm	0.015+0.01°	20.03mm	0.20	Φ11mm			
850nm	±30nm	2.0mm	0.030+0.01°	10.05mm	0.37	Φ11mm	780HP		
	±30nm	3.47mm	0.020+0.01°	16.01mm	0.24	Φ11mm			
	±30nm	4.33mm	0.016+0.01°	20.03mm	0.20	Φ11mm			



# 单模光纤消色差准直器

Wavelength	Bandwidth	Waist Beam	Divergence Angle	EFL	NA	Package Dia.	Fiber Type	connector	Transmittance
980nm	600~1050nm	1.95mm	0.035+0.01°	10.07mm	0.37	Φ11mm	980HP	FC/PC FC/APC Sma905	>95%
	600~1050nm	3.39mm	0.024+0.01°	16.03mm	0.24	Φ11mm			
	600~1050nm	4.23mm	0.018+0.01°	20.05mm	0.20	Φ11mm			
1064nm	1050~1700nm	1.9mm	0.038+0.01°	10.03mm	0.37	Φ11mm	HI1060		
	1050~1700nm	3.51mm	0.032+0.01°	15.97mm	0.24	Φ11mm			
	1050~1700nm	4.39mm	0.026+0.01°	19.97mm	0.20	Φ11mm			
1310nm	1050~1700nm	1.85mm	0.053+0.01°	10.07mm	0.37	Φ11mm	Smf-28e		
	1050~1700nm	2.91mm	0.036+0.01°	16.01mm	0.24	Φ11mm			
	1050~1700nm	3.62mm	0.028+0.01°	20.0mm	0.20	Φ11mm			
1550nm	1050~1700nm	1.85mm	0.06+0.01°	10.11mm	0.37	Φ11mm	Smf-28e		
	1050~1700nm	3.14mm	0.039+0.01°	16.08mm	0.24	Φ11mm			
	1050~1700nm	3.92mm	0.031+0.01°	20.07mm	0.20	Φ11mm			
1654nm	1050~1700nm	2.05mm	0.06+0.01°	10.14mm	0.37	Φ11mm	Smf-28e		
	1050~1700nm	3.2mm	0.036+0.01°	16.15mm	0.24	Φ11mm			
	1050~1700nm	3.98mm	0.029+0.01°	20.12mm	0.20	Φ11mm			

**无磁性消像差保偏单模光纤准直器** 装材质采用 NJSSPEEK-1000 纯树脂材料，密度为 1.3g/cm<sup>3</sup>，弯曲强度 165MPa，热变形温度 152℃，适用于强电磁环境下光束准直、耦合接收光路。

Wavelength	Bandwidth	Waist Beam Size	Divergence Angle	ER	EFL	Package Dia.	Fiber Type	Connector	Transmittance
633nm	±5nm	2.0mm	0.40mrad	18	10mm	5mm	PM630-HP	FC/APC	>90%
	±5nm	3.0mm	0.27mrad	18	14mm	5mm			
	±5nm	4.45mm	0.18mrad	18	22mm	10mm			
780nm	±5nm	2.0mm	0.50mrad	20	10mm	5mm	PM780-HP		
	±5nm	2.6mm	0.38mrad	20	14mm	5mm			
	±5nm	4.35mm	0.23mrad	20	22mm	10mm			
850nm	±5nm	2.1mm	0.50mrad	20	10mm	5mm	PM780-HP		
	±5nm	2.8mm	0.39mrad	20	14mm	5mm			
	±5nm	4.6mm	0.24mrad	20	22mm	10mm			

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