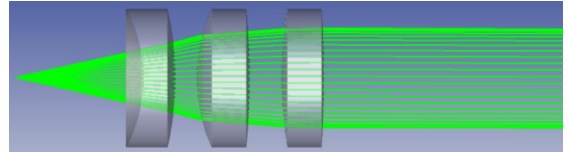


**多模光纤消色差准直器** 由一组大数值孔径透镜组系统组成，适配 NA.22 多模光纤。可以将多模光纤出射的光束，进行整形准直，也可将空间平间光束高效耦合进多模光纤内。光学设计有消色差、消像差处理，因此准直器焦距对波长带宽不敏感。透镜组各光学表面镀制增透膜，最大限度减少表面反射。



Wavelength	Bandwidth	Waist Beam	Divergence Angle	EFL	NA (Lens)	Package Dia.	Fiber Type	connector	Transmittance
450nm	±30nm	5.4mm	7.5mrad	10.09mm	0.37	Φ11mm	62.5/125 NA0.27	FC/PC Sma905	>92%
		12.5mm	4.3mrad	25.0mm	0.25	Φ15mm			
		4.4mm	21.0mrad	10.09mm	0.37	Φ11mm	200/220 NA0.22		
		12.1mm	8.8mrad	25.0mm	0.25	Φ15mm			
		4.4mm	41.0mrad	10.09mm	0.37	Φ11mm	400/440 NA0.22		
		12.1mm	16.7mrad	25.0mm	0.25	Φ15mm			
485nm	±30nm	4.4mm	11.2mrad	10.1mm	0.37	Φ11mm	105/125 NA0.22		
		11.5mm	4.9mrad	25.0mm	0.25	Φ15mm	200/220 NA0.22		
		4.4mm	21.1mrad	10.1mm	0.37	Φ11mm			
		11.5mm	8.8mrad	25.0mm	0.25	Φ15mm			
		7.5mm	28.4mrad	10.1mm	0.37	Φ11mm	200/230 NA0.37		
525nm	400~700nm	5.4mm	8.0mrad	10.11mm	0.37	Φ11mm	62.5/125 NA0.27		
		12.5mm	3.9mrad	25.02mm	0.25	Φ15mm	105/125 NA0.22		
		4.4mm	11.2mrad	10.11mm	0.37	Φ11mm			
		11.4mm	4.8mrad	25.02mm	0.25	Φ15mm			
		4.4mm	21.2mrad	10.11mm	0.37	Φ11mm	200/220 NA0.22		
		11.3mm	8.6mrad	25.02mm	0.25	Φ15mm	400/440 NA0.22		
		4.4mm	41.2mrad	10.11mm	0.37	Φ11mm			
11.3mm	16.5mrad	25.02mm	0.25	Φ15mm					
635nm	400~700nm	5.4mm	8.4mrad	10.14mm	0.37	Φ11mm	62.5/125 NA0.27		
		12.5mm	3.8mrad	25.07mm	0.25	Φ15mm	105/125 NA0.22		
		4.4mm	11.4mrad	10.14mm	0.37	Φ11mm			
		11.2mm	4.7mrad	25.07mm	0.25	Φ15mm			
		4.4mm	21.3mrad	10.14mm	0.37	Φ11mm	200/220 NA0.22		
		11.2mm	8.5mrad	25.07mm	0.25	Φ15mm	400/440 NA0.22		
		4.4mm	41.3mrad	10.14mm	0.37	Φ11mm			
		11.2mm	16.4mrad	25.07mm	0.25	Φ15mm			
780nm	600~1050nm	5.4mm	8.3mrad	10.04mm	0.37	Φ11mm	62.5/125 NA0.27		
		12.5mm	4.9mrad	24.97mm	0.25	Φ15mm	105/125 NA0.22		
		4.4mm	11.5mrad	10.04mm	0.37	Φ11mm			
		11.0mm	4.5mrad	24.97mm	0.25	Φ15mm			
		4.4mm	21.4mrad	10.04mm	0.37	Φ11mm	200/220 NA0.22		
		11.0mm	8.4mrad	24.97mm	0.25	Φ15mm			



# 多模光纤消色差准直器

Wavelength	Bandwidth	Waist Beam	Divergence Angle	EFL	NA (Lens)	Package Dia.	Fiber Type	connector	Transmittance
850nm	600~1050nm	5.4mm	8.4mrad	10.05mm	0.37	Φ11mm	62.5/125 NA0.27	FC/PC Sma905	>92%
		12.5mm	4.8mrad	24.98mm	0.25	Φ15mm			
		4.4mm	11.5mrad	10.05mm	0.37	Φ11mm	105/125 NA0.22		
		10.9mm	4.5mrad	24.98mm	0.25	Φ15mm			
		4.4mm	21.5mrad	10.05mm	0.37	Φ11mm	200/220 NA0.22		
		10.9mm	8.4mrad	24.98mm	0.25	Φ15mm			
		4.4mm	41.5mrad	10.05mm	0.37	Φ11mm	400/440 NA0.22		
		10.9mm	16.5mrad	24.98mm	0.25	Φ15mm			
905nm	600~1050nm	4.4mm	11.5mrad	10.06mm	0.37	Φ11mm	105/125 NA0.22		
		4.4mm	21.5mrad	10.06mm	0.37	Φ11mm	200/220 NA0.22		
1064nm	1050~1700nm	5.4mm	7.7mrad	10.03mm	0.37	Φ11mm	62.5/125 NA0.27		
		12.5mm	4.9mrad	24.94mm	0.25	Φ15mm			
		5.4mm	11.3mrad	10.03mm	0.37	Φ11mm	105/125 NA0.22		
		10.7mm	5.0mrad	24.94mm	0.25	Φ15mm			
		4.4mm	21.3mrad	10.03mm	0.37	Φ11mm	200/220 NA0.22		
		10.7mm	9.2mrad	24.94mm	0.25	Φ15mm			
		4.4mm	41.3mrad	10.03mm	0.37	Φ11mm	400/440 NA0.22		
		10.7mm	17.8mrad	24.94mm	0.25	Φ15mm			
1310nm	1050~1700nm	5.4mm	7.8mrad	10.07mm	0.37	Φ11mm	62.5/125 NA0.27		
		12.5mm	5.3mrad	25.01mm	0.25	Φ15mm			
		4.4mm	11.2mrad	10.07mm	0.37	Φ11mm	105/125 NA0.22		
		10.6mm	5.12mrad	25.01mm	0.25	Φ15mm			
		4.4mm	21.2mrad	10.07mm	0.37	Φ11mm	200/220 NA0.22		
		10.7mm	9.2mrad	25.01mm	0.25	Φ15mm			
		4.4mm	41.2mrad	10.07mm	0.37	Φ11mm	400/440 NA0.22		
		10.7mm	17.8mrad	25.01mm	0.25	Φ15mm			
1550nm	1050~1700nm	5.4mm	7.8mrad	10.11mm	0.37	Φ11mm	62.5/125 NA0.27		
		12.5mm	5.8mrad	25.1mm	0.25	Φ15mm			
		4.4mm	11.7mrad	10.11mm	0.37	Φ11mm	105/125 NA0.22		
		10.7mm	5.0mrad	25.1mm	0.25	Φ15mm			
		4.4mm	21.2mrad	10.11mm	0.37	Φ11mm	200/220 NA0.22		
		10.7mm	9.1mrad	25.1mm	0.25	Φ15mm			
		4.4mm	41.1mrad	10.11mm	0.37	Φ11mm	400/440 NA0.22		
		10.7mm	17.6mrad	25.1mm	0.25	Φ15mm			

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## 多模光纤消色差准直器

\* 束腰光斑直径：取高斯光束  $1/e^2$  处，均用各波长单模光纤理论计算值。

\* 光束远场发散角：按高斯光束  $1/e^2$  理论计算值。

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