

# Single Mode Achromatic Fiber Collimators

Single Mode Achromatic Fiber Collimators is used for wide band application. Chromatic aberration is elaborately compensated with special design on materials, curves, thickness and separation of lenses. Please use right connectors and fibers listed in tables.



## 400~650nm Single Mode Achromatic Fiber Collimators

Wavelength (nm)	Bandwidth (nm)	Waist Beam (mm)	Divergence Angle	EFL (mm)	N.A.	Package Dia. (mm)	Transmittance	Fiber Type	Connector
405	±30	0.97	0.062+0.01°	4.06	0.61	Ø11	>95%	405HP	FC/PC FC/APC
	±30	2.1	0.03+0.019	10.05	0.37	Ø11			
	±30	3.7	0.021+0.01°	15.96	0.25	Ø11			
	±30	4.9	0.015+0.01°	19.95	0.2	Ø11			
450	±30	0.96	0.06+0.01°	4.1	0.6	Ø11			
	±30	2.1	0.028+0.019	10.07	0.37	Ø11			
	±30	3.6	0.020+0.01°	15.98	0.25	Ø11			
	±30	4.7	0.014+0.01°	19.96	0.2	Ø11			
525	±30	0.92	0.059+0.01°	4.15	0.6	Ø11			
	±30	2.04	0.025+0.019	10.09	0.37	Ø11			
	±30	3.2	0.019+0.01°	15.98	0.25	Ø11			
	±30	4.3	0.014+0.019	19.97	0.2	Ø11			
635	±30	0.87	0.056+0.01°	4.2	0.58	Ø11			
	±30	2	0.024+0.01°	10.13	0.37	Ø11			
	±30	3.12	0.019+0.019	16.01	0.25	Ø11			
	±30	3.95	0.014+0.01°	20	0.2	Ø11			

# Single Mode Achromatic Fiber Collimators

## 780~1064nm Single Mode Achromatic Fiber Collimators

Wavelength (nm)	Bandwidth (nm)	Waist Beam (mm)	Divergence Angle	EFL (mm)	N.A.	Package Dia. (mm)	Transmittance	Fiber Type	Connector	
780	±30	1.95	0.031+0.01°	10.04	0.37	Ø11	>95%	780HP	FC/PC FC/APC	
	±30	3.49	0.020+0.01°	16	0.24	Ø11				
	±30	4.4	0.015+0.019	20.03	0.2	Ø11				
850	±30	2	0.030+0.019	10.05	0.37	Ø11				
	±30	3.47	0.020+0.01°	16.01	0.24	Ø11				
	±30	4.33	0.016+0.01°	20.03	0.2	Ø11				
980	±30	1.95	0.035+0.01°	10.07	0.37	Ø11		980HP		Hi1060
	±30	3.39	0.024+0.01°	16.03	0.24	Ø11				
	±30	4.23	0.018+0.01°	20.05	0.2	Ø11				
1064	±30	1.9	0.038+0.019	10.03	0.37	Ø11	Hi1060			
	±30	3.51	0.032+0.01°	15.97	0.24	Ø11				
	±30	4.39	0.026+0.01°	19.97	0.2	Ø11				

## 1200~1700nm Single Mode Achromatic Fiber Collimators

Wavelength (nm)	Bandwidth (nm)	Waist Beam (mm)	Divergence Angle	EFL (mm)	N.A.	Package Dia. (mm)	Transmittance	Fiber Type	Connector		
1310	±30	1.85	0.053+0.01°	10.07	0.37	Ø11	>95%	Smf-28e	FC/PC FC/APC		
	±30	2.91	0.036+0.01°	16.01	0.24	Ø11					
	±30	3.62	0.028+0.019	20	0.2	Ø11					
1550	±30	1.85	0.06+0.01°	10.11	0.37	Ø11					
	±30	3.14	0.039+0.01°	16.08	0.24	Ø11					
	±30	3.92	0.031+0.01°	20.07	0.2	Ø11					
1654	±30	2.05	0.06+0.01°	10.14	0.37	Ø11					
	±30	3.2	0.036+0.01°	16.15	0.24	Ø11					
	±30	3.98	0.029+0.01°	20.12	0.2	Ø11					