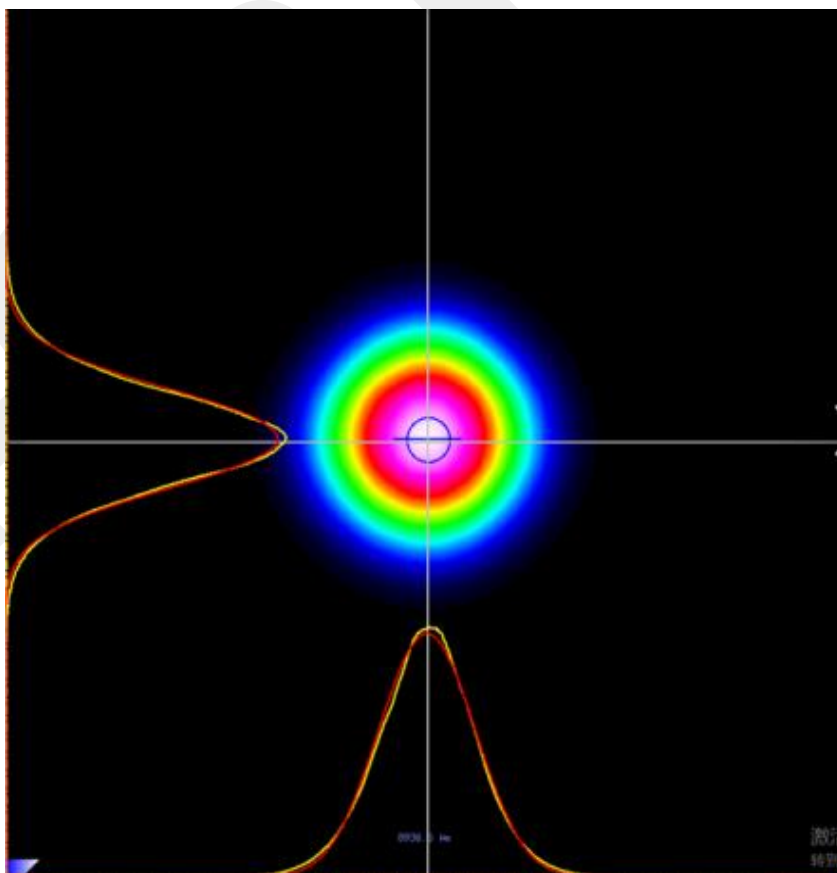


Aspheric Lens Fiberport Collimators

Aspherical lens can correct spherical aberration. Energy of the laser has a Gaussian distribution and beam is well collimated. But it can't correct chromatic aberration. Because focal length of aspherical lens is related to wavelength.



Power Distribution



Aspheric Lens Fiberport Collimators

400~650nm Single Mode Aspheric Lens Fiberport Collimators

Wavelength (nm)	Bandwidth (nm)	beam Size (mm)	Div. (mrad)	EFL (mm)	N.A.	Package Dia. (mm)	Transmittance	Fiber Type	Connector
405	±5	0.86	0.06°+0.01°	4.45	0.25	Ø11	>95%	405HP	FC/PC FC/APC Sma905
	±5	2.4	0.02°+0.01°	10.67	0.25	Ø11			
	±5	3.1	0.015°+0.01°	17.71	0.15	Ø11			
450	±5	0.82	0.05°+0.01°	4.5	0.25	Ø11			
	±5	2.2	0.02°+0.01°	10.77	0.24	Ø11			
	±5	3	0.015°+0.01°	17.88	0.15	Ø11			
520	±5	0.84	0.05°+0.01°	4.55	0.25	Ø11			
	±5	2.2	0.02°+0.01°	10.87	0.24	Ø11		460HP	
	±5	3.2	0.015°+0.01°	18.02	0.15	Ø11			
633	±5	0.86	0.05°+0.01°	4.59	0.24	Ø11		630HP	
	±5	2.2	0.02°+0.01°	10.96	0.24	Ø11			
	±5	3.5	0.015°+0.01°	18.14	0.15	Ø11			

780~1064nm Single Mode Aspheric Lens Fiberport Collimators

Wavelength (nm)	Bandwidth (nm)	beam Size (mm)	Div. (mrad)	EFL (mm)	N.A.	Package Dia. (mm)	Transmittance	Fiber Type	Connector
780	±5	1	0.06°+0.01°	4.63	0.24	Ø11	>95%	780HP	FC/PC FC/APC Sma905
	±5	2.25	0.026°+0.01°	11.06	0.24	Ø11			
	±5	4	0.01° +0.01°	18.33	0.15	Ø11			
850	±5	1	0.06°+0.01°	4.64	0.24	Ø11			
	±5	2.3	0.03°+0.01°	11.1	0.24	Ø11			
	±5	3.99	0.02° +0.01°	18.45	0.15	Ø11			
980	±5	1	0.07°+0.01°	4.66	0.24	Ø11		980HP	
	±5	2.3	0.03°+0.01°	11.16	0.24	Ø11			
	±5	4	0.02° +0.01°	18.52	0.15	Ø11			
1064	±5	1	0.08°+0.01°	4.67	0.24	Ø11		Hi1060	
	±5	2.3	0.032°+0.01°	11.18	0.24	Ø11			
	±5	4.05	0.02° +0.01°	18.58	0.15	Ø11			

Aspheric Lens Fiberport Collimators

1200~1700nm Single Mode Aspheric Lens Fiberport Collimators

Wavelength (nm)	Bandwidth (nm)	beam Size (mm)	Div. (mrad)	EFL (mm)	N.A.	Package Dia. (mm)	Transmittance	Fiber Type	Connector
1310	±5	0.84	0.11°+0.01°	4.7	0.24	Ø11	>95%	Smf-28e	FC/PC FC/APC Sma905
	±5	2.05	0.047°+0.019°	11.25	0.23	Ø11			
	±5	3.35	0.029°+0.01°	18.67	0.15	Ø11			
1550	±5	0.87	0.11°+0.01°	4.74	0.24	Ø11			
	±5	2.1	0.053°+0.01°	11.31	0.23	Ø11			
	±5	3.5	0.032°+0.01°	18.75	0.15	Ø11			
1650	±5	0.9	0.11°+0.01°	4.74	0.24	Ø11			
	±5	2.15	0.058°+0.01°	11.36	0.23	Ø11			
	±5	3.64	0.035°+0.01°	18.81	0.15	Ø11			

Aspheric Lens Fiberport Collimators

400~650nm Multimode Aspheric Lens Fiberport Collimators

Wavelength (nm)	Bandwidth (nm)	beam Size (mm)	Div. (mrad)	EFL (mm)	N.A.	Package Dia. (mm)	Transmittance	Fiber Type	Connector
450	±5	5.7	5.9	10.77	0.31	Ø11	>95%	62.5/125	FC/PC FC/APC Sma905
	±5	4.7	18.8	10.77	0.31	Ø11		200/220	
486	±5	4.7	9.9	10.84	0.31	Ø11		62.5/125	
	±5	4.8	18.7	10.84	0.31	Ø11		200/220	
	±5	4.8	37.6	10.84	0.31	Ø11		400/440	
	±5	5.8	6	10.89	0.31	Ø11		62.5/125	
525	±5	4.8	9.8	10.89	0.31	Ø11		105/125	
	±5	4.8	18.7	10.89	0.31	Ø11		200/220	
	±5	4.8	37.5	10.89	0.31	Ø11		400/440	
	±5	5.9	5.9	11	0.31	Ø11		62.5/125	
635	±5	4.8	9.7	11	0.31	Ø11		105/125	
	±5	4.8	18.5	11	0.31	Ø11		200/220	
	±5	4.9	37.2	11	0.31	Ø11		400/440	

780~1064nm Multimode Aspheric Lens Fiberport Collimators

Wavelength (nm)	Bandwidth (nm)	beam Size (mm)	Div. (mrad)	EFL (mm)	N.A.	Package Dia. (mm)	Transmittance	Fiber Type	Connector
780	±5	5.9	5.8	11.09	0.3	Ø11	>95%	62.5/125	FC/PC FC/APC Sma905
	±5	4.9	9.7	11.09	0.3	Ø11		105/125	
	±5	4.9	18.4	11.09	0.3	Ø11		200/220	
	±5	4.9	37	11.09	0.3	Ø11		400/440	
850	±5	6	6	11.12	0.3	Ø11		62.5/125	
	±5	4.8	9.6	11.12	0.3	Ø11		105/125	
	±5	4.8	18.4	11.12	0.3	Ø11		200/220	
	±5	4.8	36.9	11.12	0.3	Ø11		400/440	
905	±5	4.8	9.6	11.14	0.3	Ø11		105/125	
	±5	4.8	18.4	11.14	0.3	Ø11		200/220	
1064	±5	6	5.8	11.19	0.3	Ø11		62.5/125	
	±5	4.9	9.6	11.19	0.3	Ø11		105/125	
	±5	4.9	18.3	11.19	0.3	Ø11		200/220	
	±5	4.9	36.6	11.19	0.3	Ø11		400/440	

Aspheric Lens Fiberport Collimators

1200~1700nm Multimode Aspheric Lens Fiberport Collimators

Wavelength (nm)	Bandwidth (nm)	beam Size (mm)	Div. (mrad)	EFL (mm)	N.A.	Package Dia. (mm)	Transmittance	Fiber Type	Connector
1310	±5	6	5.7	11.26	0.3	Ø11	>95%	62.5/125	FC/PC FC/APC Sma905
	±5	4.9	9.5	11.26	0.3	Ø11		105/125	
	±5	4.9	18.2	11.26	0.3	Ø11		200/220	
	±5	4.9	36.5	11.26	0.3	Ø11		400/440	
1550	±5	6	5.7	11.32	0.3	Ø11		62.5/125	
	±5	4.9	9.5	11.32	0.3	Ø11		105/125	
	±5	4.9	18.1	11.32	0.3	Ø11		200/220	
	±5	5	36.3	11.32	0.3	Ø11		400/440	