

Focus Adjustable Fiber Collimators

Focus Adjustable Fiber Collimators can adjust beam diameter at specified distance by screwing a ring, which drives a lens stuck to it and changes the distance between this lens and fiber at last.



F=4.5mm Focus Adjustable Fiber Collimators FC/APC Connector

EFL (mm)	NA (Lens)	Waist Beam (mm)	AR Coating	Far-field Div. (mrad)	Input Fiber MFD (um)	Length Between Fiber and Lens (mm)	Transmittance	connector
4.5	0.54	0.86	400~700nm R<0.5%	0.78	3.5	2.4-4.9	>90%	FC/PC FC/APC
	0.54	0.98	600~1050nmR<0.5%	1.1	5	2.4-4.9		
	0.54	0.87	1050~1700nm R<0.5%	2.3	10.4	2.4-4.9		

F=7.5mm Focus Adjustable Fiber Collimators

EFL (mm)	NA (Lens)	Waist Beam (mm)	AR Coating	Far-field Div. (mrad)	Input Fiber MFD (um)	Length Between Fiber and Lens (mm)	Transmittance	connector
7.5	0.3	1.35	400~700nm R<0.5%	0.49	3.5	4.2- 6.8	>90%	FC/PC FC/APC
	0.3	1.6	600~1050nmR<0.5%	0.66	5	4.2- 6.8		
	0.3	1.44	1050~1700nm R<0.5%	1.4	10.4	4.2- 6.8		

F=11mm Focus Adjustable Fiber

EFL (mm)	NA (Lens)	Waist Beam (mm)	AR Coating	Far-field Div. (mrad)	Input Fiber MFD (um)	Length Between Fiber and Lens (mm)	Transmittance	connec
11	0.3	1.96	400~700nm R<0.5%	0.32	3.5	8.6 -10.9	>90%	FC/PC FC/APC
	0.3	2.35	600~1050nmR<0.5%	0.46	5	8.6 - 10.9		
	0.3	2.1	1050~1700nm R<0.5%	1	10.4	8.6 - 10.9		