

Multi-mode fiber achromatic collimator

1550nm (beam waist spot diameter 10mm)



- **Product Description**

It is composed of a group of large numerical aperture lens systems, and can use multimode optical fibers with large numerical apertures. It can shape the light beam emitted from the multimode optical fiber, and can also couple the spatial flat beam into the multimode optical fiber, so that the

light beam has a good collimation effect and spot shape within a long distance.

- **Product features**

Achromatic processing, focal length is not sensitive to wavelength, collimator has rich wavelengths、 Large numerical aperture design、 Can be used for collimation or coupling、 Non-magnetic stainless steel housing

- **Part Number**

MP-CLM-1550-10-1-PFA-P

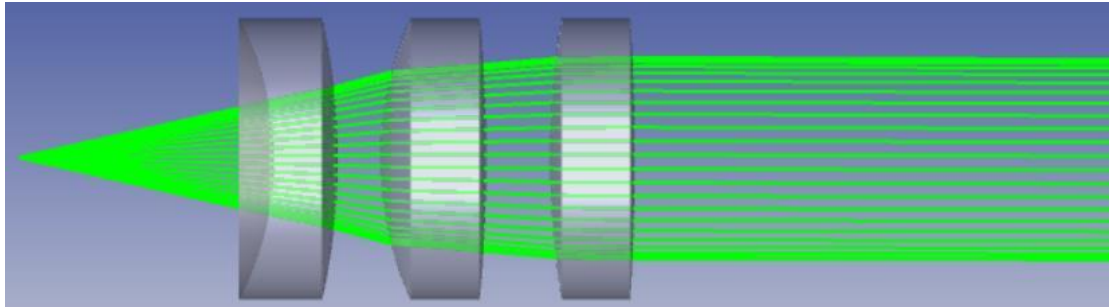
- **Application area**

Optical Network Testing | Industrial Sensing | Medical Endoscopes | Security Monitoring | Fiber Optic Device Testing

- **Core parameters**

Center Wavelength	Lens Coating Wavelength	Beam Waist Spot
1550nm	1050-1700nm	10mm

● General Parameters



635nm Multimode Fiber Achromatic Collimator

Central wavelength	Lens coating wavelength	Beam waist spot	Beam divergence angle	Effective focal length	Numerical aperture (lens)	Packaging diameter	Accessories fiber type	Connector	Transmittance
635nm	400~700nm	4mm	0.2°	10mm	0.37	Φ11mm	62.5/125	FC/PC	>90%
		10mm	1.0°	25mm	0.25	Φ15mm	105/125	Sma905	

780nm Multimode Fiber Achromatic Collimator

Central wavelength	Lens coating wavelength	Beam waist spot	Beam divergence angle	Effective focal length	Numerical aperture (lens)	Package diameter	Accessories fiber type	Connector	Transmittance
780nm	700~1100nm	4mm	0.2 °	10mm	0.37	Φ 11mm	62.5/125	FC/PC Sma905	>90%
		10mm	1.0 °	25mm	0.25	Φ 15mm	105/125		

850nm Multimode Fiber Achromatic Collimator

Central wavelength	Lens coating wavelength	Beam waist spot	Beam divergence angle	Effective focal length	Numerical aperture (lens)	Package diameter	Accessories fiber type	Connector	Transmittance
850nm	700~1100nm	4mm	0.2 °	10mm	0.37	Φ 11mm	62.5/125	FC/PC Sma905	>90%
		10mm	1.0 °	25mm	0.25	Φ 15mm	105/125		

905nm Multimode Fiber Achromatic Collimator

Central wavelength	Lens coating wavelength	Beam waist spot	Beam divergence angle	Effective focal length	Numerical aperture (lens)	Packaging diameter	Accessories fiber type	Connector	Transmittance
905nm	700~1100nm	4mm	0.2 °	10mm	0.37	Φ 11mm	62.5/125	FC/PC	>90%
		10mm	1.0 °	25mm	0.25	Φ 15mm	105/125	Sma905	

1064nm Multimode Fiber Achromatic Collimator

Central wavelength	Lens coating wavelength	Beam waist spot	Beam divergence angle	Effective focal length	Numerical aperture (lens)	Packaging diameter	Accessories fiber type	Connector	Transmittance
1064nm	1050~1700nm	4mm	0.2 °	10mm	0.37	Φ 11mm	62.5/125	FC/PC Sma90	>90%

		10m	1.0 °	25mm	0.25	Φ	105/1	5	
		m				15mm	25		

1310nm Multimode Fiber Achromatic Collimator

Central wavelength	Lens coating wavelength	Beam waist spot	Beam divergence angle	Effective focal length	Numerical aperture (lens)	Packaging diameter	Accessories fiber type	Connector	Transmittance
1310nm	1050~	4mm	0.2 °	10mm	0.37	Φ 11mm	62.5/1 25	FC/PC	>90%
	1700nm	10mm	1.0 °	25mm	0.25	Φ 15mm	105/1 25	Sma90 5	

1550nm Multimode Fiber Achromatic Collimator

Central wavelength	Lens coating wavelength	Beam waist spot	Beam divergence angle	Effective focal length	Numerical aperture (lens)	Packaging diameter	Accessories fiber type	Connector	Transmittance



1550nm	1050~	4m	0.2 °	10mm	0.37	Φ 11mm	62.5/1 25	FC/PC	>90%
	1700nm	10m	1.0 °	25mm	0.25	Φ 15mm	105/1 25	Sma90 5	