Multimode Fiber Achromatic Collimator

635nm (Waist Spot Diameter 4mm)

Product Description

It is composed of a group of large numerical aperture lens systems, suitable for multimode fibers with larger numerical apertures. This system can reshape the beam emitted from the multimode fiber, or couple a collimated beam into the multimode fiber, ensuring good collimation and beam shape over long distances.

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-635-4-0.2-PFA-P

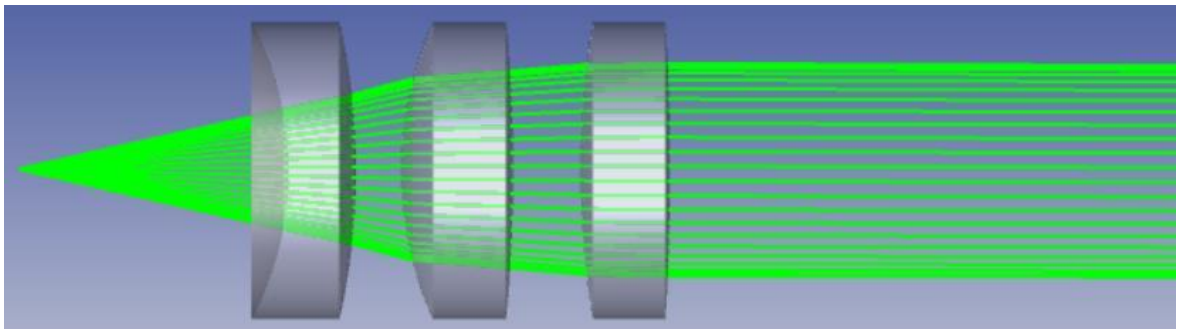
Application area

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

Core parameters

Center Wavelength	Lens Coating Wavelength	Beam Waist Spot
635nm	400-700nm	4mm

General Parameters



635nm Multimode Fiber Achromatic Collimator

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

780nm Multimode Fiber Achromatic Collimator

Central wavelength	Lens coating wavelength	Beam waist spot	Beam divergence angle	Effective focal length	Numerical aperture (lens)	Package diameter	Access 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	Access 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)	Package diameter	Access fiber type	Connector	Transmittance
905nm	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		

1064nm Multimode Fiber Achromatic Collimator

Central wavelength	Lens coating wavelength	Beam waist spot	Beam divergence angle	Effective focal length	Numerical aperture (lens)	Package diameter	Access fiber type	Connector	Transmittance
1064nm	1050~1700nm	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		

1310nm Multimode Fiber Achromatic Collimator

Central wavelength	Lens coating wavelength	Beam waist spot	Beam divergence angle	Effective focal length	Numerical aperture (lens)	Package diameter	Access fiber type	Connector	Transmittance
1310nm	1050~1700nm	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		

1550nm Multimode Fiber Achromatic Collimator

Central wavelength	Lens coating wavelength	Beam waist spot	Beam divergence angle	Effective focal length	Numerical aperture (lens)	Package diameter	Access fiber type	Connector	Transmittance
1550nm	1050~1700nm	4mm	0.2 °	10mm	0.37	Φ11mm	62.5/125	FC/PC Sma905	>90%
		10mm	1.0 °	25mm	0.25	Φ15mm	105/125		