

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.

● Part Number

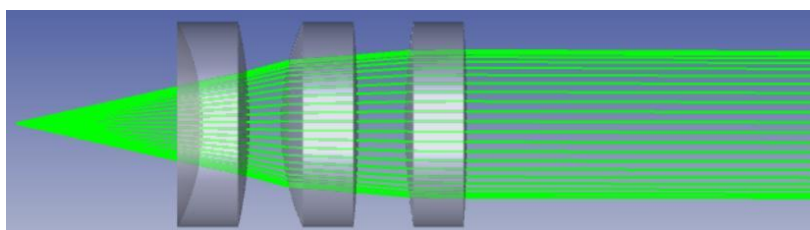
NIR-CLM-1550-10-1.0-FP

● 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

Parameters

Dimensional Drawing



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	Φ 11mm	62.5/125	FC/PC Sma905	>90%
		10mm	1.0 °	25mm	0.25	Φ 15mm	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	Φ 11mm	62.5/125	FC/PC Sma905	>90%
		10mm	1.0 °	25mm	0.25	Φ 15mm	105/125		