

Multimode Fiber Chromatic Aberration Collimator 1310nm (Beam 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-1310-4-0.2-PFA-P

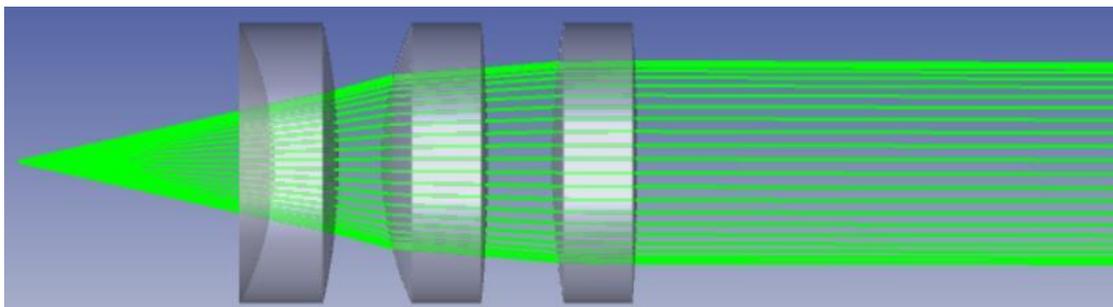
- **Application area**

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

- **Core parameters**

| Center Wavelength | Lens Coating Wavelength | Beam Waist Spot |
|-------------------|-------------------------|-----------------|
| 1310nm | 1050-1700nm | 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 | 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 | φ11mm | 62.5/125 | FC/PC | >90% |
| | | 10mm | 1.0° | 25mm | 0.25 | φ15mm | 105/125 | Sma905 | |



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 | >90% |
| | | 10mm | 1.0 ° | 25mm | 0.25 | Φ 15mm | 105/125 | Sma905 | |

905nm 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 |
|--------------------|-------------------------|-----------------|-----------------------|------------------------|---------------------------|------------------|------------------------|-----------|---------------|
| 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) | Package diameter | Accessories fiber type | Connector | Transmittance |
|--------------------|-------------------------|-----------------|-----------------------|------------------------|---------------------------|------------------|------------------------|-----------|---------------|
| 1064nm | 1050~1700nm | 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 | |

1310nm 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 |
|--------------------|-------------------------|-----------------|-----------------------|------------------------|---------------------------|------------------|------------------------|-----------|---------------|
| 1310nm | 1050~1700nm | 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 | |



1550nm 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 |
|--------------------|-------------------------|-----------------|-----------------------|------------------------|---------------------------|------------------|------------------------|-----------|---------------|
| 1550nm | 1050~ | 4mm | 0.2 ° | 10mm | 0.37 | Φ 11mm | 62.5/125 | FC/PC | >90% |
| | 1700nm | 10mm | 1.0 ° | 25mm | 0.25 | Φ 15mm | 105/125 | Sma905 | |