

## 525nm Single-Wavelength Zoom Laser

### Collimating Lens 20x



#### ● Product Description

When the zoom magnification requirement changes significantly, the design adopts a curved groove form with multiple lens groups working together to achieve continuous variation while maintaining consistent beam quality. By using different fiber inputs, excellent zoom effects can be achieved. The output beam is uniform with clear boundaries. It is primarily used in applications such as laser glare, optical tracking, and measurement rod fields.

## ● Product features

Standard fiber optic interface input, collimated spatial beam output、  
Three main wavelength options: 525nm, 450nm, 638nm、 Achieves  
diffraction-limited performance when used with compatible connectors、  
Metal oxide housing、 Reserved motor installation interface for automatic  
focusing

## ● Part Number

MP-NIR-CLM-W525-20-600-62.5/125-FP

## ● Application area

Free space optical communication | Lidar | Natural gas detection | Remote  
sensing | Aerospace

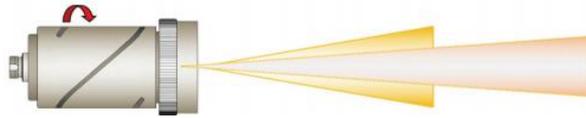
## ● Core parameters

Wavelength	Zoom Magnification	Input Fiber
525nm	20x	62.5/125



## ● General Parameters

Diagram



Parameter

Single-Wavelength Zoom Laser Collimating Lens							
Zoom Magnification	Usable Working Distance	Divergence Angle Range	Max Power	Input Fiber	Size	Connector Type	Transmission Rate
20x	30-600m	0.05~1.0°	30w	62.5/125	Φ50×150mm	FC/PC	85%
50x	20~1000m	0.05~2.5°	50w	200/220 400/440	Φ50×220mm		
Three-Wavelength Zoom Laser Collimating Lens							
Zoom Magnification	Usable Working Distance	Divergence Angle Range	Max Power	Input Fiber MFD	Size	Connector Type	Transmission Rate
50x	20-1000m	0.05~2.5°	20w	10.4um	Φ55×260mm	FC/PC	80%