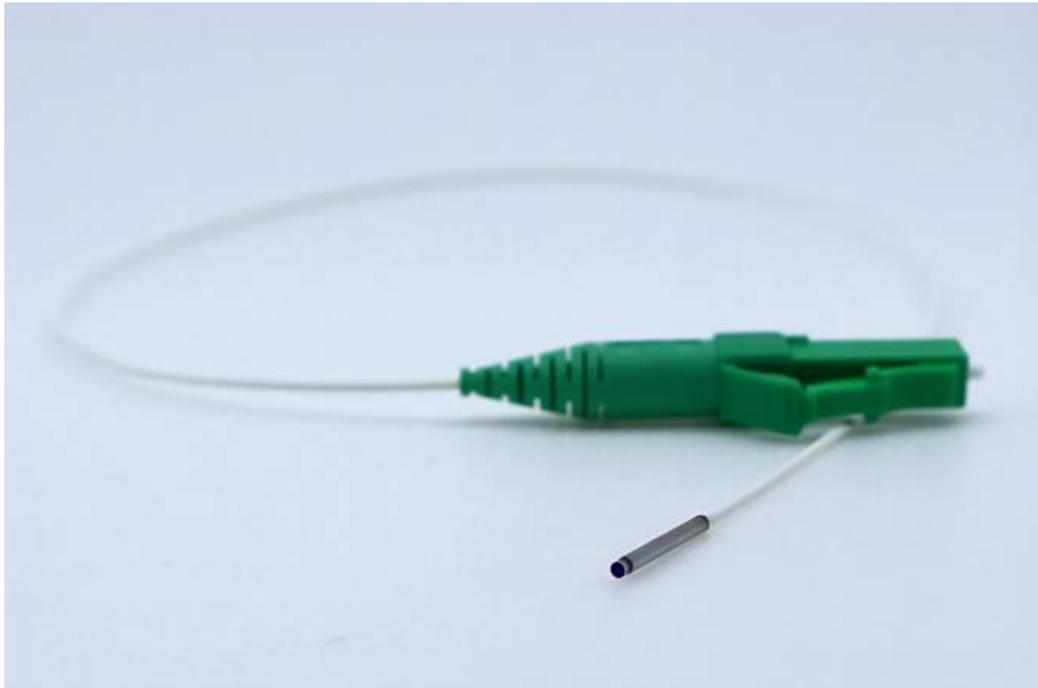


Fiber focusing lens (converger) 525nm FCAPC



● Product Description

After passing through the focusing lens, the beam diameter reaches its minimum value at a specified position, with various wavelengths and distances available for selection. It can achieve precise surface detection, interference imaging, distance measurement, and more. This can be used in industrial automation, medical OCT, optical testing instruments, and other applications.



- **Product features**

Precision focusing performance; Compact packaging; Flexible selection

- **Part Number**

MP-NIR-CLM-W525-6-5-405HP-FA

- **Application area**

Industrial automation, medical OCT, optical testing instruments

- **Core parameters**

Wavelength	Focus Point Waist Beam Diameter	Focus Point Distance
525nm	6um	5mm

- **General Parameters**





Technical Parameters

405nm Fiber Focusing Lens							
Center Wavelength	Lens Coating Wavelength	Focus Point Waist Beam Diameter	Focus Point Distance	Structure Dimensions	Connector	Fiber Type	Transmission Rate
405nm	400-700nm	6um	5mm	3.5× 10mm	FC/PC FC/APC	405 HP	>90%

405nm	400-700nm	15um	10mm	3.5× 10mm	SMA905		
405nm	400-700nm	24um	20mm	3.5× 12mm			
525nm Fiber Focusing Lens							
Center Wavelength	Lens Coating Wavelength	Focus Point Waist Beam Diameter	Focus Point Distance	Structure Dimensions	Connector	Fiber Type	Transmission Rate
525nm	400-700nm	6um	5mm	3.5× 10mm	FC/PC		
525nm	400-700nm	16um	10mm	3.5× 10mm	FC/APC	405 HP	>90%
525nm	400-700nm	26um	20mm	3.5× 12mm	SMA905		
650nm Fiber Focusing Lens							



Center Wavelength	Lens Coating Wavelength	Focus Point Waist Beam Diameter	Focus Point Distance	Structure Dimensions	Connector	Fiber Type	Transmission Rate
650nm	400-700nm	7um	5mm	3.5× 10mm	FC/PC	630 HP	>90%
650nm	400-700nm	18um	10mm	3.5× 10mm	FC/APC		
650nm	400-700nm	29um	20mm	3.5× 12mm	SMA905		
780nm Fiber Focusing Lens							
Center Wavelength	Lens Coating Wavelength	Focus Point Waist Beam Diameter	Focus Point Distance	Structure Dimensions	Connector	Fiber Type	Transmission Rate



780nm	600-1100 nm	9um	5mm	3.5× 10mm	FC/PC		
780nm	600~1100 nm	21um	10mm	3.5× 10mm	FC/APC	780 HP	>90%
780nm	600~1100 nm	34um	20mm	3.5× 12mm	SMA905		

1064nm Fiber Focusing Lens

Center Wavelength	Lens Coating Wavelength	Focus Point Waist Beam Diameter	Focus Point Distance	Structure Dimensions	Connector	Fiber Type	Transmission Rate
1064nm	900-1100 nm	10um	5mm	3.5× 10mm	FC/PC	HI060	>90%
1064nm	900-1100 nm	26um	10mm	3.5× 10mm	FC/APC		



1064nm	900-1100 nm	42um	20mm	3.5× 12mm	SMA905		
1310nm Fiber Focusing Lens							
Center Wavelength	Lens Coating Wavelength	Focus Point Waist Beam Diameter	Focus Point Distance	Structure Dimensions	Connector	Fiber Type	Transmission Rate
1310nm	1250-1650nm	15um	5mm	3.5× 10mm	FC/PC	SMF-28e	>90%
1310nm	1250-1650nm	40um	10mm	3.5× 10mm	FC/APC		
1310nm	1250-1650nm	64um	20mm	3.5× 12mm	SMA905		
1550nm Fiber Focusing Lens							



Center Wavelength	Lens Coating Wavelength	Focus Point Waist Beam Diameter	Focus Point Distance	Structure Dimensions	Connector	Fiber Type	Transmission Rate
1550nm	1250-1650nm	16um	5mm	3.5×10mm	FC/PC	SMF-28c	>90%
1550nm	1250-1650nm	43mm	10mm	3.5×10mm	FC/APC		
1550nm	1250-1650nm	69mm	20mm	3.5×12mm	SMA905		