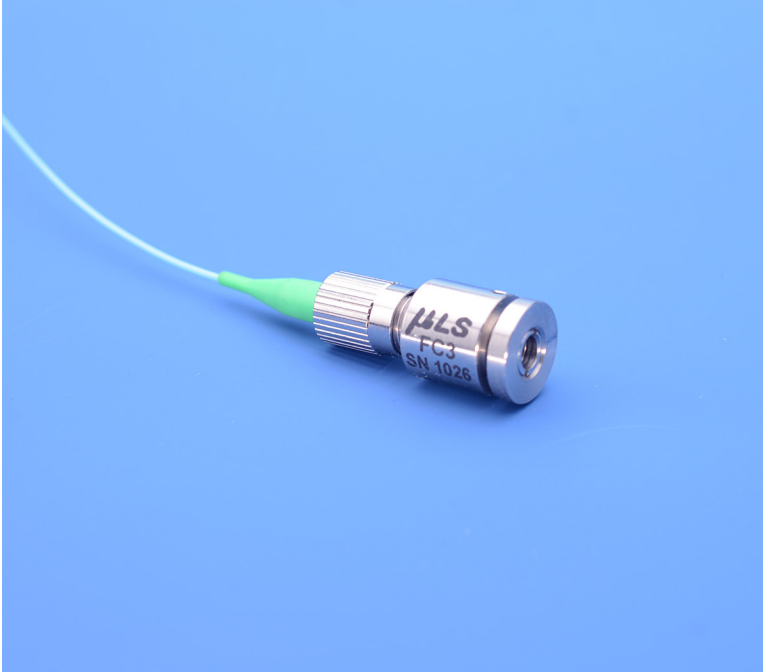


Pseudo Collimated Beams



Features

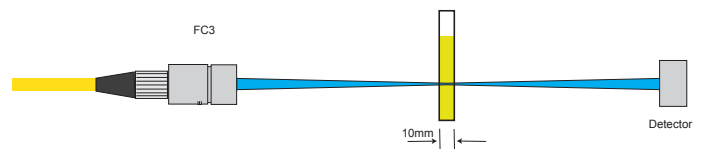
- Micron size beams
- Diffraction limited spot sizes
- 350nm to 2100nm

Generating collimated micron size beams is not always easy. We have simplified the process to give you a Pseudo Collimated beam from a fiber collimator.

This collimator gives a nearly collimated beam that is ten's of microns in diameter about a fixed distance from the collimator end face. Optically the beam has a long depth of focus, meaning the beam is fairly collimated over a long enough distance to be able to insert cuvettes or other samples without worrying about position.

This allows you to look at fluorescence, absorption or any other characteristic of interest of your sample.

Standard distances are 100mm or 150mm. Others distances can be made on a semi-custom basis. Popular wavelengths can be set for common distances. Any wavelength between 350nm to 2100nm is covered by FC3.



Pseudo Collimated Beams

Specifications

FC3 Pseudo Collimated	
Wavelength:	350nm to 2100 nm
Receptacle:	FC or FC/APC
Housing material:	Stainless steel

Ordering Information

Model #	Pseudo collimated Beam size (singlemode fiber)	Working distance (mm)
FC3-405-FC-100	- 90 μ m	100
FC3-450-FC-100		
FC3-488-FC-100		
FC3-520-FC-100		
FC3-635-FC-100		

Other visible and NIR wavelengths are also available.

Please call or email for desired spot size, depth of focus or distance to sample.

All Pseudo Fiber Collimators are manufactured in California, USA

Specifications subject to change without notice.