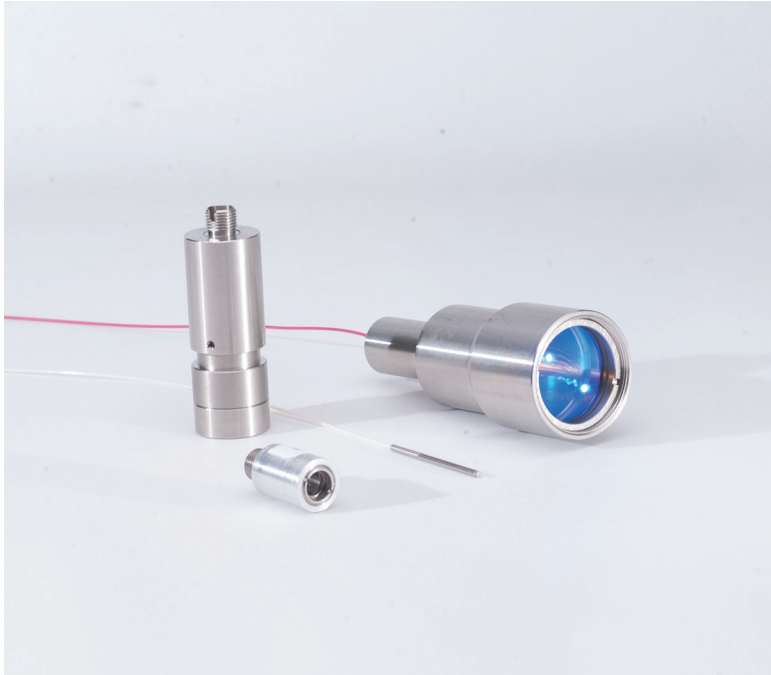


Custom Fiber Collimators



Features

- Designed for your application
- Air spaced optics
- Variable or fixed focus
- Housing and mounting requests
- Any fiber
- Collimating, expanding or focused
- Very small diameters to large optical sizes
- Environmental requirements
- Integration of additional optics, lasers or detectors

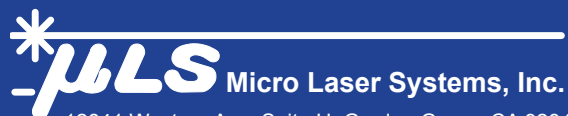
Our standard fiber collimators are great for prototypes and research. You can collimate, expand or focus the beam for your wavelength, use different fibers or wavelengths. But once you have determined some parameters, you usually want to change the collimator to fit your application exactly.

We manufacture all parts of our collimators, from the lens design and lenses to the fiber assemblies and housing at our facility. This means we can change any parameter of the fiber collimator to fit your needs.

Typical examples involve something as simple as pigtailing or fixing to a certain wavelength or modifying the coating range. More complex requirements include withstanding radiation environments, temperature ranges, or a special optical design. We can also include additional optics into the design for a very compact, robust package.

We cover ranges from the UV to the IR. For all cases, since we have complete control of the manufacturing process, you can be sure that each and every fiber collimator will be consistent and meet your specific specifications.

In addition, we can also manufacture or include, accessories such as mounts, electronic focus, detectors or lasers.

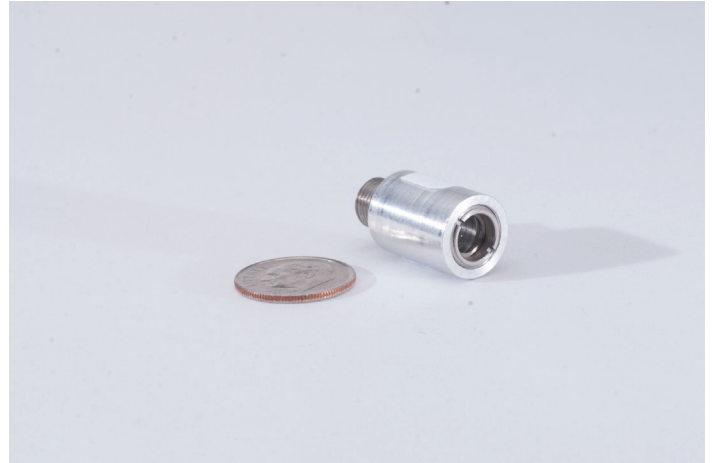


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Custom Fiber Collimators

Typical Examples

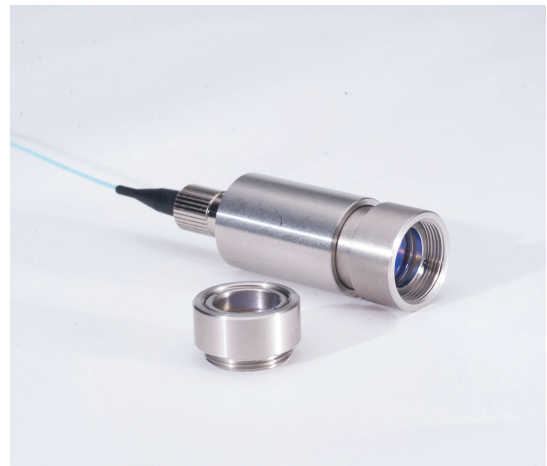
- V-coats
- Special wavelength ranges
- Special beam diameters
- Titanium, aluminum, other material for housing
- Housing designs with mounting features
- Multi color collimators
- Radiation resistant collimators
- Vacuum compatible collimators
- Very small collimated beams
- 90 degree angled beams
- Light weight collimator for space environment
- Addition of other optical components



Fixed focus collimator



Right angled beam or collimated beams.



Optical accessories for focusing, filtering, adding chemical or biological sensors.



Radiation resistant collimators.