

Mid IR Fiber Collimators



Features

- Designed for 2.5-6 μm region
- Clean Gaussian beams
- Adjustable collimation / focus
- No epoxy in the optical path
- FC, FC/APC or pigtailed

Applications

- Gas detection
- Environmental sensing

The FC5-MIR Fiber Collimators operates between 2.5 to 6 micron range.

Output beam is user adjustable so you can optimize collimation for your operating wavelength and lock it down. Collimators have an FC or FC/APC receptacle as standard. Fine 80 pitch threaded barrel is used for fine focus/collimation adjustment.

Adapter rings are available to mount the collimators to common optical mounts.



12841 Western Ave. Suite H, Garden Grove, CA 92841
Ph: 714-898-6001 Email: sales@microlaser.com Web: www.microlaser.com

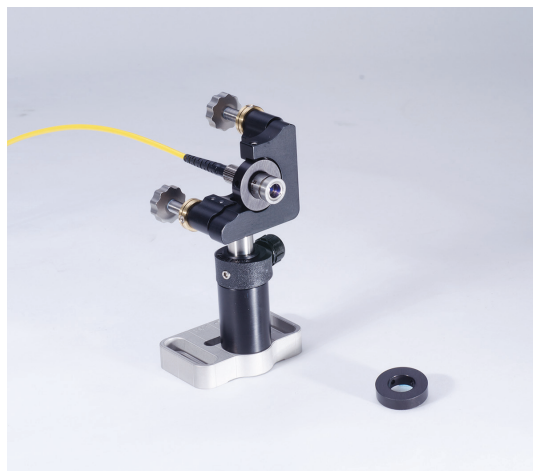
Mid IR Fiber Collimators

Specifications

Wavelength range:	2.5 - 6 μm
Aperture size:	4 mm
Beam size at $1/e^2$ points	~2 mm
Beam divergence:	<0.5 mrad
Receptacle:	FC, FC/APC or pigtailed
Collimation:	Adjustable 80 tpi
Locking:	yes
Housing material:	Stainless steel
Weight:	45 g (1.6 oz.)

Ordering Information

Model #	Description
FC5-MIR1-FC	Fiber collimator for 2.5 - 6 μm region with FC receptacle.
FC5-MIR1-APC	Fiber collimator for 2.5 - 6 μm region with FC/APC receptacle.
FC5R-1.0	Ring adapter to mount FC5 onto any 1 inch optical mount.



FC5 plus ring mounted in a 1 inch optical mount.

Specifications subject to change without notice.



12841 Western Ave. Suite H, Garden Grove, CA 92841
Ph: 714-898-6001 Email: sales@microlaser.com Web: www.microlaser.com