

Fiber Collimators for UV Range



Features

- Designed for 350-410 nm region
- Clean Gaussian beams
- Adjustable collimation / focus
- No epoxy in the optical path
- For singlemode, PM fibers or Fiber lasers
- FC, FC/APC or pigtailed

Our standard FC5 Fiber Collimator has been coated for the 350 nm to 410 nm range.

Output beam is user adjustable so you can optimize collimation to 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.

Lens system is well corrected to give excellent beam quality and minimize fluorescence.

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

For more demanding applications, an all fused silica version of FC5 is available.



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Specifications

Wavelength range:	350-410 nm
Aperture size:	6 mm
Beam size at $1/e^2$ points, NA = 0.13 fiber at 635 nm	2 mm
Beam divergence:	<0.5 mrad
Wavefront error, whole aperture rms:	<1/10 wave
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-UV-T	Fiber collimator for 350-410 nm region with FC receptacle.
FC5-UV-T/A	Fiber collimator for 350-410 nm region with FC/APC receptacle.
FC5R-1.0	Adapter to mount FC5 into 1 inch optical mounts

Please call for availability of fused silica FC5.



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