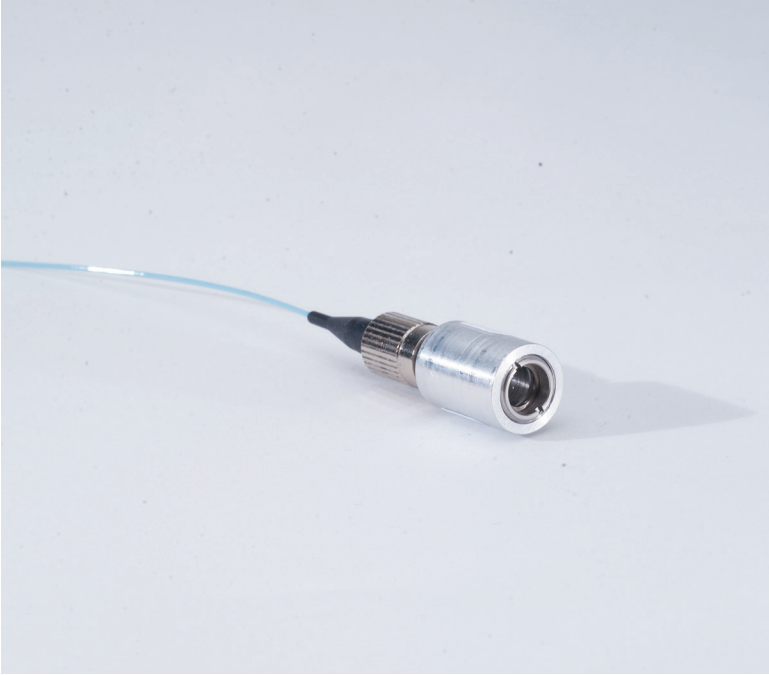


RGB Fiber Collimator



Features

- **Apochromatic collimator**
- **400-700 nm**
- **Low wavefront error**
- **Low beam divergence**
- **FC receptacle or pigtailed**

Applications

- **Projection Display**
- **Flow cytometry**
- **Microscopy**

This fiber collimator is designed to transmit red, green and blue wavelength at the same time without any distortions.

Standard commercially available RGB collimators usually have achromats which have severe spherical aberrations and coma which can blur or cause beam distortions. Our specially designed fiber collimator corrects not only for color but also for spherical aberrations. This is very important when focusing so that you don't get a blurry spot or color spots that are separated.

Output beam size is 2mm diameter. Collimator is pigtailed to give the best results. Housing body is made of stainless steel.

Custom fiber collimators can be made at other wavelength regions.

RGB Fiber Collimator

Specifications

Wavelength range:	400-700 nm
Aperture size:	5.33 mm
Beam size:	2 mm
Housing:	Stainless steel
Dimensions excluding fiber:	9.525mm OD x 30.37mm long (0.375" OD x 1.196" long)
Fiber type:	Singlemode for red, green and blue wavelengths
Fiber length:	1 meter
End terminations:	FC/UPC or FC/APC

Ordering Information

Model #	Description
FCX5-RGB-FC	Fiber collimator for 400nm to 700nm, FC connection
FCX5-RGB-APC	Fiber collimator for 400nm to 700nm, FC/APC connection
F-UNION	Mates two FC/UPC or FC/APC terminated fibers together.