

1410 Collimator

CLL2002-P



1064 nm PM Collimator

The optical fiber collimator is precisely positioned by the pigtail and the lens. It can convert the transmitted light in the optical fiber into collimating light, or coupling the external parallel light into the optical fiber. It can be used in fiber laser, LiDAR, infrared sensing, scientific research and so on.

FEATURES

- Small Spot of Optical Beam
- Long Working Distance
- High Power
- High Stability and Reliability

USE IN

- Fiber Laser
- Optical Fiber Sensing
- Fiber Amplifier
- Laser Radar
- Optical Communication Field

MECHANICAL DRAWING



Centre Wavelength	1064 nm
Operating Wavelength Range	±20 nm
Operation	Pulsed as Well as CW
Insertion Loss	0.5 dB max.
Extinction Ratio	20 dB min.
Working Distance	1 m min.
Beam Diameter (1/e ²)	3 mm
Beam Divergence (Far Field)	0.7 mrad max.
Return Loss	45 dB min.
Fiber Type	PIMA-GDF-30/250-M Fiber: 3 mm Jacket
Connector Type	None
Optical Power	50 W Average Power; 30 kW Pulsed Power
Dimensions	14x14x117 mm

Order notes to our customers: The default parameters are as follows. For special needs, please contact sales.

1) Connector FC/APC, 900 um, 1 m by default for all devices except for high power devices.

2) Slow axis working, fast axis blocked, connector key is aligned to slow axis by default for PM devices.