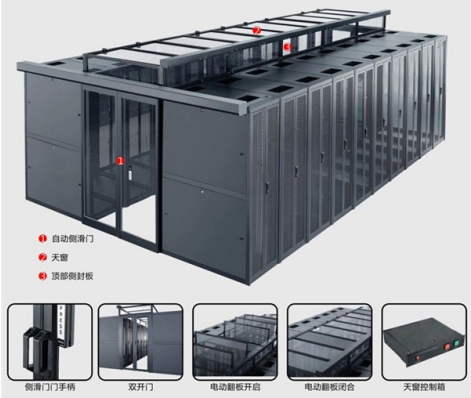
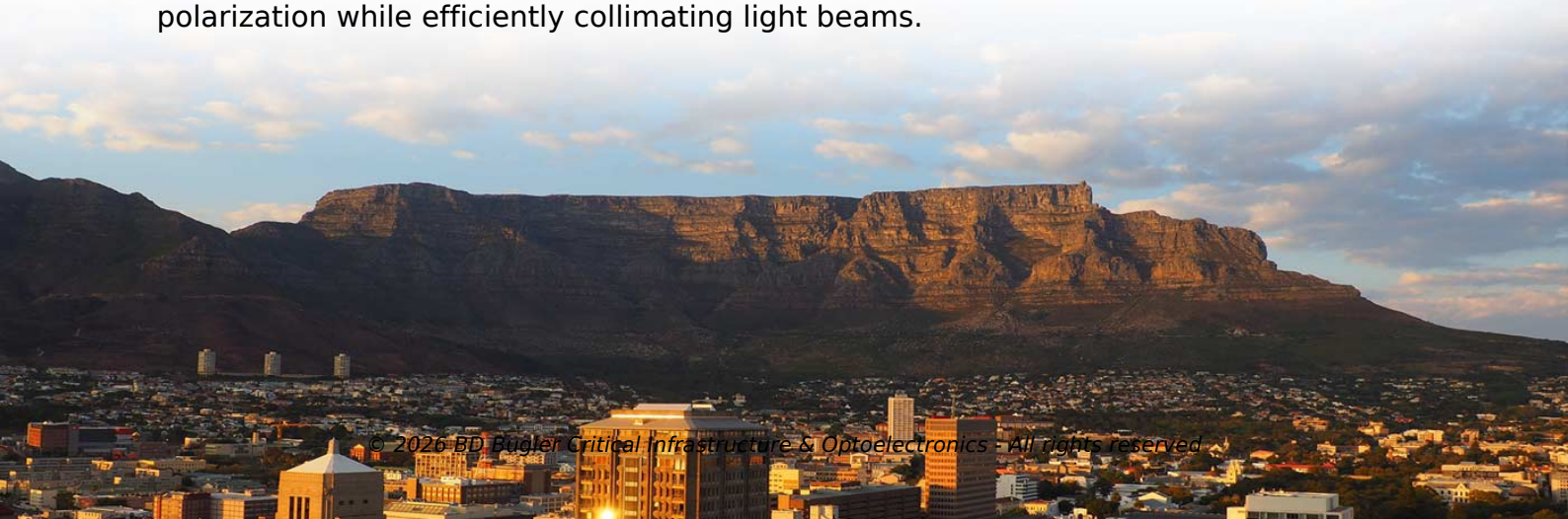
# 1550 Polarization-Maintaining Fiber Collimator




## Overview

Product features：Fiber collimator with FC/APC connector for PM patch cords (or single mode patch cords)； 20 or 50 mm working distance； Each collimator is factory aligned Part Number：MP-CLM-1550-20-PA Application area：Fiber amplifier； WDM & DWDM system； Fiber equipment； Fiber laserProduct features：Fiber collimator with FC/APC connector for PM patch cords (or single mode patch cords)； 20 or 50 mm working distance； Each collimator is factory aligned Part Number：MP-CLM-1550-20-PA Application area：Fiber amplifier； WDM & DWDM system； Fiber equipment； Fiber laserIdealphotonics' fiber collimators are pre-aligned and used to collimate the light emitted from FC/APC-connected fibers with diffraction-limited performance. These fiber collimators have no moving parts and are compact, making them easy to integrate into existing devices. They are designed to be used in pairs, with a free-space beam between the lenses, but can also be used individually. It has high extinction ratio, low insertion and high return loss. The unique processing and high-quality AR coating also enable this collimator to handle high power. elength Operating Waselength Range Nominal Beam Diamter Working. The 1310/1480/1550nm C-Lens Polarization Maintaining Fiber Collimator with Gold-Plated Tube/Glass Tube is a high-performance optical fiber collimator designed to maintain polarization while efficiently collimating light beams.



## Article Content

Thorlabs

Panda PM Fiber Cross Section These 1x2 Polarization-Maintaining (PM) Fiber Couplers are designed for operation at 1550 nm and are available with 50:50, 75:25, 90:10, or 99:1 coupling ratios. 1x2

1550nm Polarization Maintaining Single Fiber Collimator

Products 1550nm Polarization Maintaining Single Fiber Collimator / Fiber optic focuser The 1550nm PM Fiber Collimator is the basic element for in-line PM fiber

1550nm Polarization Maintaining Isolator

1550nm Polarization Maintaining Isolator The 1550nm Polarization Maintaining Isolator is a two port micro-optic device built with PM panda fiber. The PM isolator

Polarization Maintaining Dual Fiber Collimator (PMC Series)

The Polarization Maintaining Dual Fiber Collimator is the basic element for in-line PM fiber optics components, such as PM isolator and PM FWDM. It has high extinction ratio, low insertion loss and

1550nm Polarization Maintaining Dual Fiber Collimator

1550nm Polarization Maintaining Dual Fiber Collimator The 1550nm PM Fiber Collimator is the basic element for in-line PM fiber optics components, such as PM isolator and PM DWDM. It has high

Fiber Coupling to Polarization-Maintaining Fibers and Collimation

They are suitable for single-mode and polarization-maintaining fiber cables leading to collimated beams with a Gaussian intensity profile. Just as finding the right coupling focal length in many applications

Polarization Maintaining (PM) Fiber Optical Collimator

What Is a Polarization Maintaining (PM) Fiber Optical Collimator In fiber optical systems, the PM fiber collimators (450 nm, 460 nm, 630 nm, 632 nm, 650 nm,

1550nm polarization-maintaining fiber collimator (20mm working

Idealphotonics'' fiber collimators are pre-aligned and used to collimate the light emitted from FC/APC-connected fibers with diffraction-limited performance. These fiber collimators have no moving parts

Polarization-Maintaining Fiber Coupler, 1550 nm, 50:50 Ratio

Thorlabs'' PN1550R5A2 Single Mode Polarization-Maintaining (PM) fiber optic coupler is designed for a center wavelength of 1550 nm. It features an extinction ratio of ≥20 dB for signal and tap ports as well

Fiber Coupling to Polarization-Maintaining Fibers and Collimation

Polarization-maintaining single- mode fibers (PM fibers) are rotation-ally non-symmetric because of inte-grated stress elements, for example, that break the degeneracy of the two principle states of

Polarization Maintaining fiber collimator Single Fiber 1M 1550nm

They are a module that combine a fiber and a lens, and has a function that produces parallel beams. When the fiber collimators are manufactured, the positions of the fiber and lens are

1550nm Polarization Maintaining Collimator C GLens

1550nm Polarization Maintaining Collimator C GLens with PM Panda Fiber Low insertion loss High return loss Glue-free process for light path

1550nm Polarization Maintaining Dual Fiber Collimator

1550nm Polarization Maintaining Dual Fiber Collimator C/G Lens with PM Optic Fiber Polarization-maintaining dual-fiber collimator is a dual-fiber collimator made of

GRIN Fiber Optic Collimators / Couplers, Polarization ...

Thorlabs offers pigtailed fiber collimators that use gradient-index (GRIN) lenses. These GRIN collimators feature a Ø1.8 mm lens and are coupled to polarization-maintaining fiber. They are designed to be

Polarization Maintaining fiber collimator Single Fiber 1M 1550nm

Polarization Maintaining Fiber Collimator w/ 1M Single Fiber 1550nm C-lens Glass Tube 5mm WD Fiber Collimator are devices used to expand and collimate the output light at the fiber end,

1550nm polarization-maintaining fiber collimator (50mm working

1550nm polarization-maintaining fiber collimator (50mm working distance) Idealphotonics'' fiber collimators are pre-aligned and used to collimate the light emitted from FC/APC-connected fibers

1310/1480/1550nm Polarization Maintaining Fiber

The 1310/1480/1550nm C-Lens Polarization Maintaining Fiber Collimator with Gold-Plated Tube/Glass Tube is designed to maintain polarization while efficiently

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Polarization Maintaining (PM) Fiber Optical Collimator

By using Panda polarization maintaining fiber (PMF), the PM fiber collimator can maintain a well-defined state of polarization (SOP) of the light signals. They meet

Polarization Maintaining Fiber Collimator

Specifications ... *Above specifications are for device without connector. *For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower and ER will be 2dB lower. *The PM fiber & connector key

Telecommunication Fibers Polarization Maintaining 1550 nm

Polarization Maintaining 1550 nm Telecommunication Fibers Coherent''s Polarization Maintaining Telco fibers are designed for today''s most advanced networks. Optimized for use at 1550 nm, these fibers

Polarization Maintaining Single Fiber Collimator (PMC Series)

Description in-line PM fiber optics components, such as PM isolator and PM FWDM. This PM Single Fiber Collimato has high extinction ratio, low insertion loss and high return loss. The unique

OZ Optics Online. Polarization Maintaining Fiber

Polarization Maintaining Fiber Pigtailed Collimators with GRIN Lens Features: • High power handling • Rugged and compact design • Low insertion loss • Low

1550nm Polarization Maintaining Single Fiber Collimator

The 1550nm PM Fiber Collimator is the basic element for in-line PM fiber optics components, such as PM isolator and PM DWDM. It has high extinction ratio, low

1550nm Polarization-Maintaining Dual-Fiber Collimator:

The 1550nm polarization-maintaining dual-fiber collimator is an optical device primarily used in fiber optic communication systems to accurately couple optical

1310/1480/1550nm Polarization Maintaining Fiber

1310/1480/1550nm Polarization Maintaining Fiber Collimator PM Optical Fiber Fiber collimator is composed of pigtails and lenses accurately positioned. It can convert

Optical Switches: Singlemode/Multimode Fiber Optic

1310/1550 nm Polarization Maintaining Optical Switches (TTL) 1310/1550 nm Polarization Maintaining Optical Fiber Switch (RS-232 / USB) For product

## Contact Us

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