

## 633nm 1m long reach fiber collimator polarization maintaining



### ● Product Description

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 and are compact, making them easy to integrate into existing devices. Currently supported operating bands include 532/633/780/850/915/1064/1310/1550nm.

## ● Product features

Long Working Distance、 Each Collimator is Factory Aligned、 Simplifies  
 Fiber Coupled Detection Systems

## ● Part Number

MP-CLM-633-1.1-1000-PA

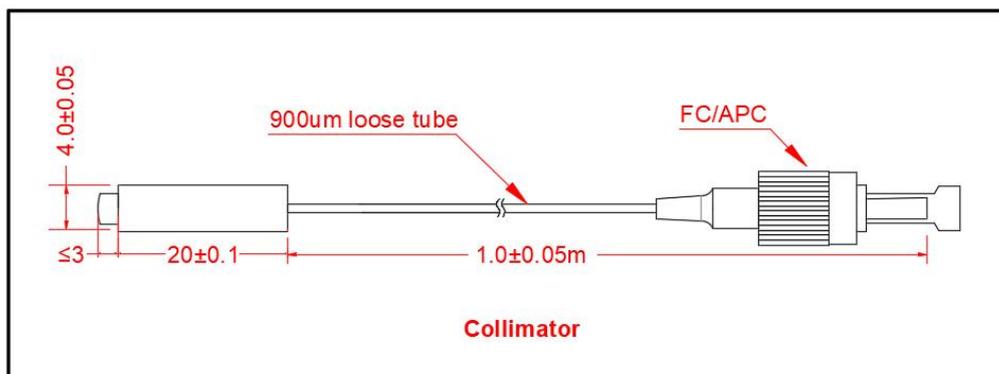
## ● Application area

Fiber Amplifiers、 WDM & DWDM Systems、 Fiber Optic Equipment、 Fiber  
 Lasers

## ● Core parameters

| Central wavelength | Working Distance | Connector |
|--------------------|------------------|-----------|
| 633nm              | 1000mm           | FC/APC    |

## ● Dimension Drawing





## ● General Parameters

Parameter:

| Parameters                 | Index            |
|----------------------------|------------------|
| Center wavelength          | 633nm            |
| Insertion loss (IL)        | ≤1.5dB           |
| Return loss (RL)           | ≥55dB            |
| Working distance           | 1000 mm          |
| Connector type             | FC/APC           |
| Fiber type                 | PM630            |
| Fiber length               | 1.0±0.05m        |
| Maximum optical power (CW) | 300 m W          |
| Buffer type                | 0.9mm Loose tube |
| Dimension                  | Φ4.0xL20mm       |