

## 780nm 1m long distance fiber collimator single mode



### ● 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.

### ● Part Number

NIR-CLM-W780-1-SA

### ● Product features

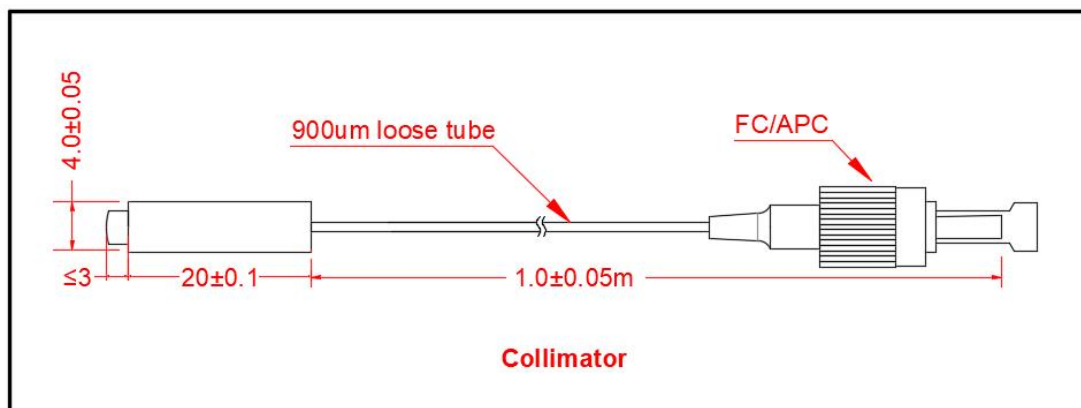
Long operating distance 、 Each collimator is factory aligned 、 Simplified fiber-coupled detection system

## ● Application area

Fiber amplifier、 WDM & DWDM System、 Fiber equipment、 Fiber laser

## Parameters

### Dimensional Drawing



Parameters	Index
Center wavelength	780nm
Insertion loss (IL)	$\leq 1.5\text{dB}$
Return loss (RL)	$\geq 55\text{dB}$
Working distance	1000mm
Connector type	FC/APC
Fiber type	HI780
Fiber length	$1.0 \pm 0.05\text{m}$
Maximum optical power (CW)	300mW
Buffer type	0.9mm Loose tube
Dimension	$\Phi 4.0 \times L20\text{mm}$