

1550nm 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.

● Product features

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

● Part Number

MP-CLM-1550-1.1-1000-SA

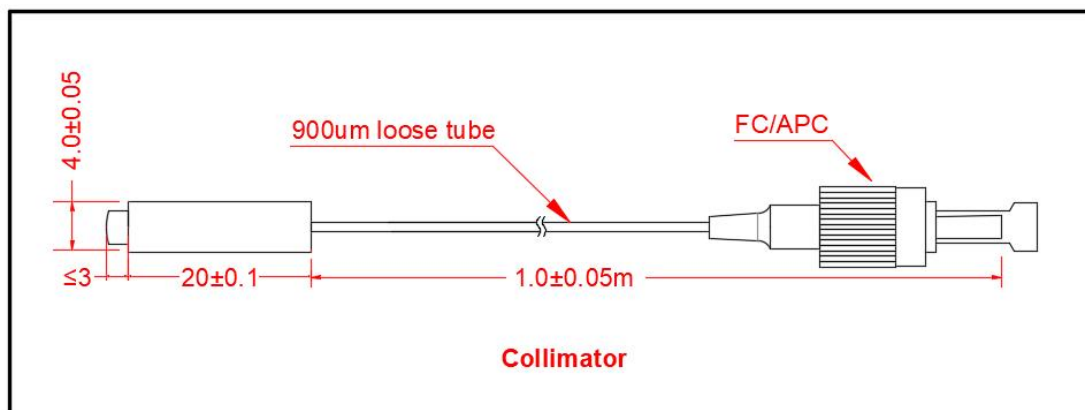
● Application area

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

● Core parameters

Central wavelength	Working Distance	Connector
1550nm	1000mm	FC/APC

● Dimension Drawing





● General Parameters

Parameter

parameter	Indicator
Central wavelength	1550nm
Insertion loss(IL)	≤0.9dB
Return loss(RL)	≥55dB
Operating distance	1000mm
Connector type	FC/APC
Fiber type	SMF-28e
Fiber length	1.0±0.05m
Maximum optical power(CW)	300mW
Buffer type	0.9mm loose tube
Dimension	Φ4.0xL20mm

Ordering Information

MP-CLM-1550-1.1-1000-SA

wavelength: 1550nm

Operating distance: 1m

Connector type: FC/APC