

780nm 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-780-1.1-1000-PA

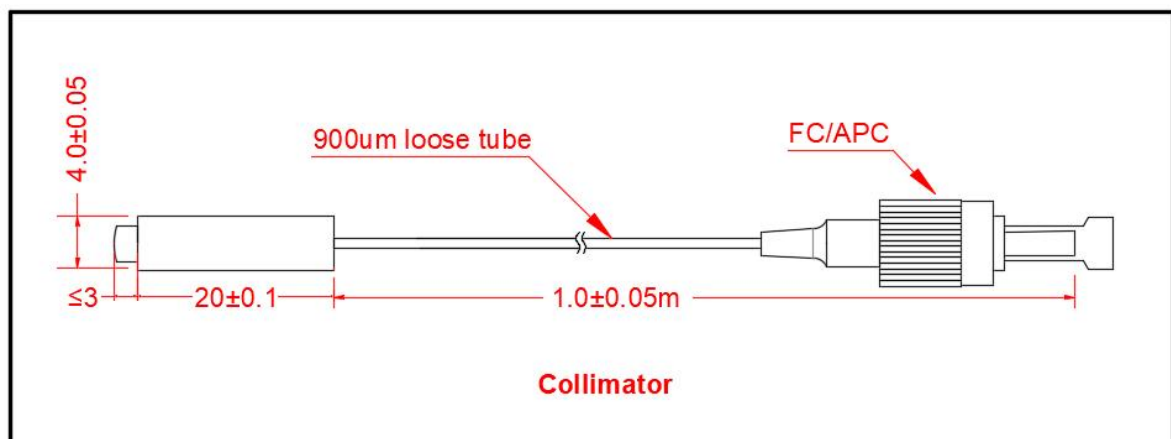
● Application area

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

● Core parameters

Central wavelength	Working Distance	Connector
780nm	1000mm	FC/APC

● Dimension Drawing



● General Parameters

Parameter:

Parameters	Index
Center wavelength	780nm
Insertion loss (IL)	≤1.5dB
Return loss (RL)	≥55dB
Working distance	1000mm
Connector type	FC/APC
Fiber type	PM780
Fiber length	1.0±0.05m
Maximum optical power (CW)	300 mW
Buffer type	0.9mm Loose tube
Dimension	Φ4.0xL20mm