

532nm 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-532-1.1-1000-PA

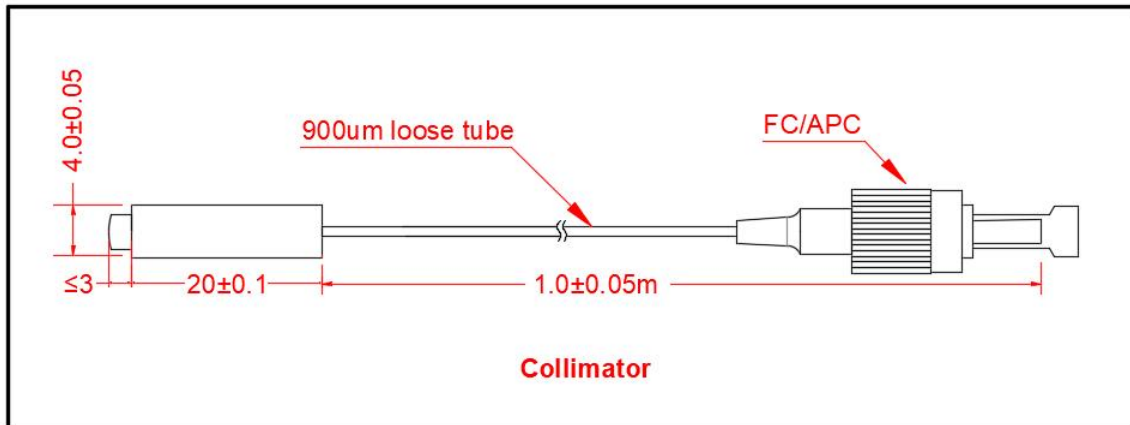
● Application area

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

● Core parameters

| Central wavelength | Working Distance | Connector |
|--------------------|------------------|-----------|
| 532nm | 1000mm | FC/APC |

● Dimension Drawing



● General Parameters

Parameter:

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| Center wavelength | 532nm |
| Insertion loss (IL) | ≤1.5dB |



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| Return loss (RL) | ≥ 55 dB |
| Working distance | 1000 mm |
| Connector type | FC/APC |
| Fiber type | PM460 |
| Fiber length | 1.0 ± 0.05 m |
| Maximum optical power (CW) | 300 mW |
| Buffer type | 0.9mm Loose tube |
| Dimension | $\Phi 4.0 \times L20$ mm |