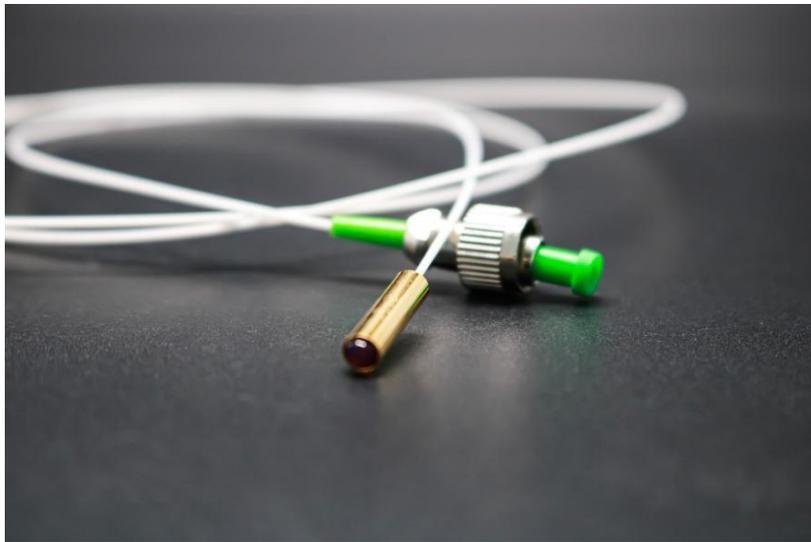


1950nm 1m long distance fiber collimator

single mode



- **Product Description**

Idealphotonics' fiber collimators are pre-aligned and used to collimate light emitted from FC/APC connector fibers with diffraction-limited performance. These fiber collimators have no moving parts and are compact and easy to integrate into existing devices. Currently, the supported operating bands are 532/633/780/850/915/1064/1310/1550nm/1950nm.



- **Product features**

Fiber Collimators with FC/APC Connectors for Single Mode Patch Cables、
Long Working Distances、 Each Collimator is Factory Aligned、 Simplified
Fiber Coupled Detection Systems

- **Part Number**

MP-CLM-1950-1.1-1000-SA

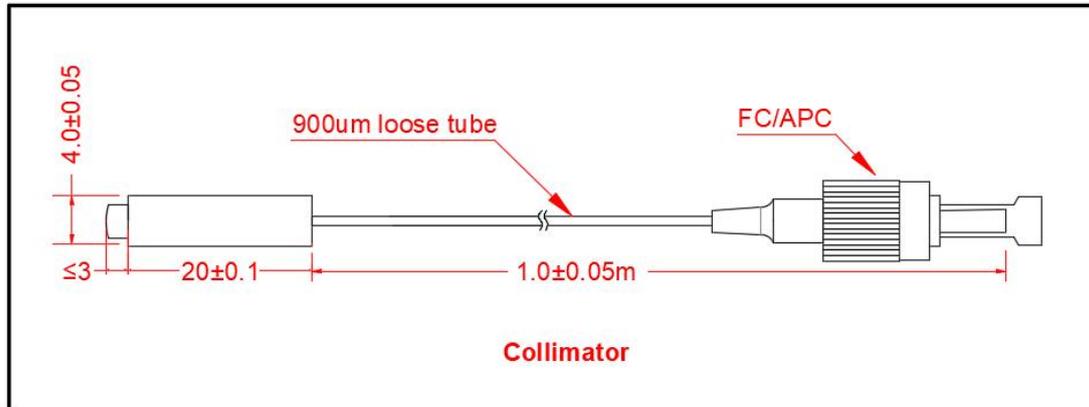
- **Application area**

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

- **Core parameters**

Central wavelength	Working Distance	Connector
1950nm	1000mm	FC/APC

● Dimension Drawing



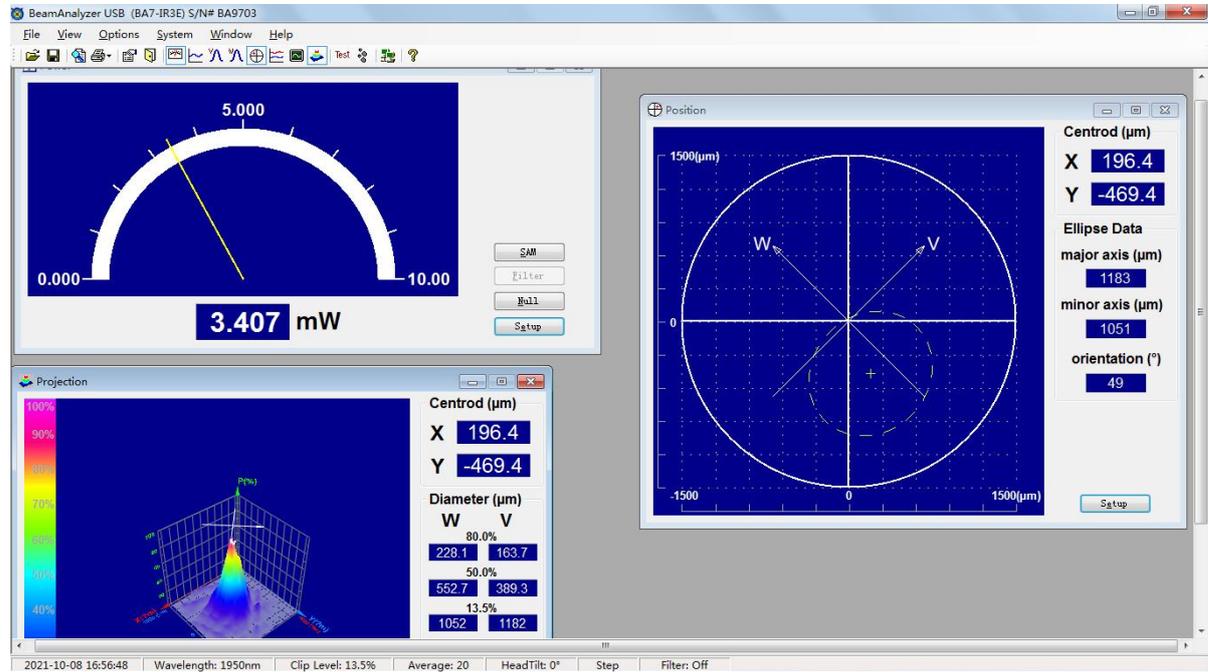
● General Parameters

Parameter

Parameter	Indication
Center wavelength	1950nm
Insertion loss (IL)	≤2.2dB
Return loss (RL)	≥55dB
Working distance	1000mm
Connector type	FC/APC
Fiber type	SM1950
Fiber length	1.0±0.05m
Maximum optical power (CW)	300mW
Jacket	0.9mm loose tube
Dimensional information	Φ4.0xL20mm



Experimental testing



Spot pattern of 1950nm laser after collimation (working distance 1m)