



1064 nm Single fiber Collimator (GK-C Series)

● Description

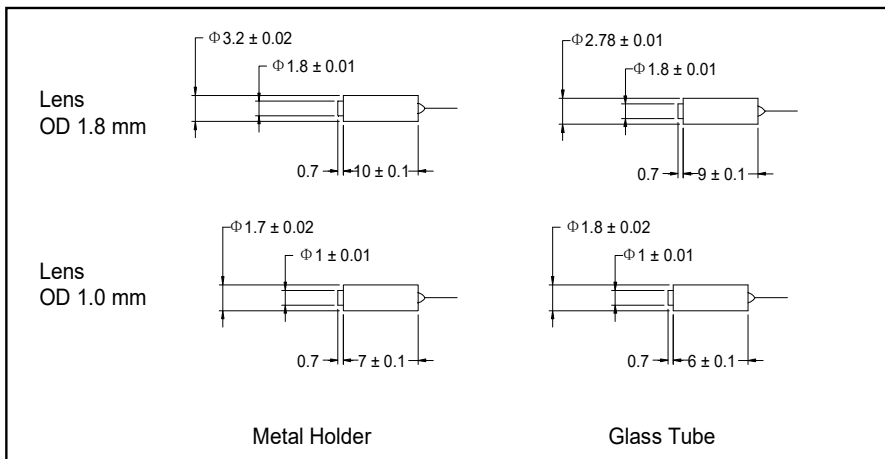
The 1064 nm Fiber Collimator is the basic element for in-line fiber optics components, such as isolator and WDM. It has low insertion and high return loss. The unique processing and high quality AR coating also enable this collimator to handle high power.

● Specifications

Parameter	Unit	Type A
Center Wavelength (λ_c)	nm	1064
Operating Wavelength Range	nm	$\lambda_c \pm 30$
Working Distance	mm	5 or specify
Typ. Insertion Loss	dB	0.25
Max. Insertion Loss	dB	0.30
Min. Return Loss	dB	55
Max. Optical Power (continuous wave)	mW	300
Tensile Load	N	5
Fiber Type	-	PM 980 Panda Fiber
Operating Temperature	°C	- 5 to + 70
Storage Temperature	°C	- 40 to + 85

¹IL is 0.5 dB higher, RL is 5 dB lower for each connector added.

● Package Dimensions



● Ordering Information

GK-C-①-②-③-④-⑤-⑥-⑦-⑧-⑨

①: Lens Diameter

- 1 - 1.8 mm
- 2 - 1.0 mm

②: Pigtail Type

- 1 - Single Fiber Pigtail

③: Wavelength

- 06 - 1064 nm
- SS - Specify

④: Holder Type

- 1 - Metal Holder
- 2 - Glass Tube

⑤: Working Distance

- 1 - 5 mm
- S - Specify

⑥: Connector Type

- 1 - FC/UPC 4 - SC/APC
- 2 - FC/APC N - None
- 3 - SC/UPC S - Specify

⑦: Fiber Jacket

- B - 250 μ m Bare Fiber
- L - 900 μ m Loose Tube
- S - Specify

⑧: Fiber Length

- F - 1.5
- S - Specify

⑨: Lens Type

- G - Grin Lens
- C - C Lens