



## Multimode Single Fiber Collimator (GK-MMC Series)

### ● Description

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

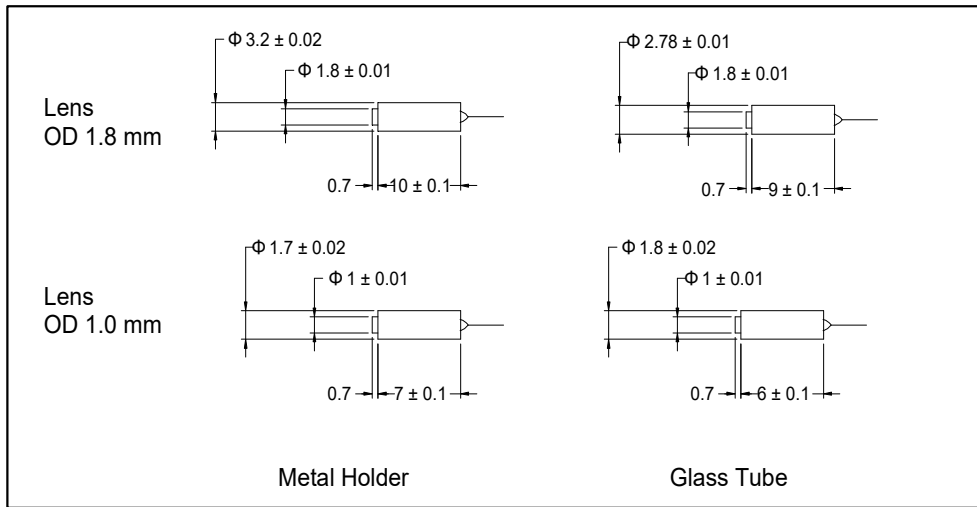
### ● Specifications

Parameter	Unit	Type A
Center Wavelength ( $\lambda_c$ )	nm	1310, 1550, or, specified
Operating Wavelength Range	nm	$\lambda_c \pm 30$
Working Distance	mm	5, or specified
Typ. Insertion Loss	dB	0.20
Max. Insertion Loss	dB	0.25
Min. Return Loss	dB	35
Max. Tensile Load	N	5
Fiber Type	-	Multimode Fiber 105/125, 62.5/125, 50/125 $\mu\text{m}$ , or specified
Operating Temperature	°C	- 5 to + 70
Storage Temperature	°C	- 40 to + 85

<sup>1</sup>IL is 0.3 dB higher for each connector added.

<sup>2</sup>Above specifications are measured at low order modes.

## ● Package Dimensions



## ● Ordering Information

GK-MMC-①-②-③-④-⑤-⑥-⑦-⑧-⑨-⑩

### ①: Lens Diameter

- 1 - 1.8 mm
- 2 - 1.0 mm
- S - Specify

### ④: Holder Type

- 1 - Metal Holder
- 2 - Glass Tube

### ⑦: Fiber Jacket

- B - 250  $\mu$ m Bare Fiber
- L - 900  $\mu$ m Loose Tube
- S - Specify

### ⑩: Fiber Core

- 1 - 105/125  $\mu$ m
- 2 - 62.5/125  $\mu$ m
- 3 - 50/125  $\mu$ m
- S - Specify

### ②: Pigtail Type

- 1 - Single Fiber Pigtail

### ⑤: Working Distance

- 1 - 5 mm
- S - Specify

### ⑧: Fiber Length

- F - 1.5 m
- S - Specify

### ③: Wavelength

- 31 - 1310 nm
- 55 - 1550 nm
- SS - Specify

### ⑥: Connector Type

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

### ⑨: Lens Type

- G - Grin Lens
- C - C Lens