



## Dual Fiber Collimator (GK-C Series)

### ● Description

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

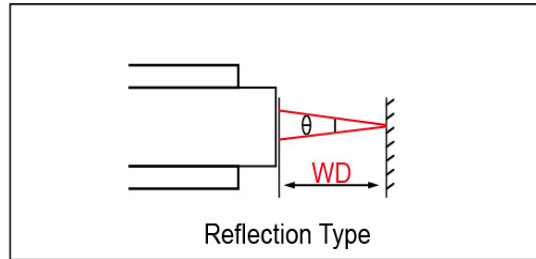
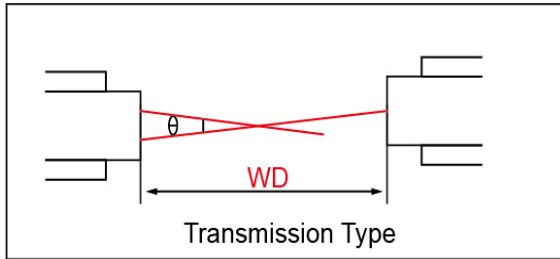
### ● Specifications

Parameter	Unit	Type A
Center Wavelength ( $\lambda_c$ )	nm	1310, 1550, or, specified
Operating Wavelength Range	nm	$\lambda_c \pm 30$
Working Type	-	transmission Type Reflection Type
Working Distance	mm	5 - 10 11 - 30 31-50 0 mm for G Lens, 2.4 mm for C Lens
Typ. Insertion Loss @ 23 °C	dB	0.20 0.25 0.30 0.20
Max. Insertion Loss @ 23 °C	dB	0.25 0.35 0.20 0.25
Min. Return Loss @ 23 °C	dB	55
Max. Optical Power	W	0.3, 0.5...3
Max. Tensile Load	N	5
Fiber Type	-	SMF-28 Fiber
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to +85

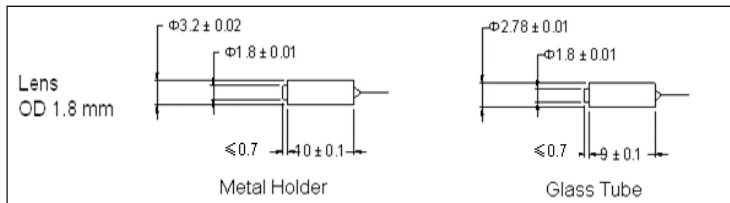
<sup>1</sup>IL is 0.3 dB higher and RL is 5 dB lower for each connector added.

<sup>2</sup>Optical power will be only 1 W with connector added.

● Working Type



Package Dimensions



● Ordering Information

GK-C-①-②-③-④-⑤-⑥-⑦-⑧-⑨-⑩-⑪

①: Lens Diameter

1 - 1.8 mm

②: Pigtail Type

2 - Dual Fiber Pigtail

③: Wavelength

31 - 1310 nm

55 - 1550 nm

SS - Specify

④: Holder Type

1 - Metal Holder

2 - Glass Tube

⑤: Working Distance

5 - 5 mm

0 - 0 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 μm Bare Fiber

⑧: Fiber Length

1 - 1.0 m

S - Specify

⑨: Lens Type

C - C Lens

G - Grin Lens

⑩: Optical Power

03 - 0.3 W

05 - 0.5 W

3 - 3 W

S - Specify

⑪: Working Type

T - Transmission Type

R - Reflection Type