

Dual Fiber Collimator (GK-C Series)

● Description

The 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.

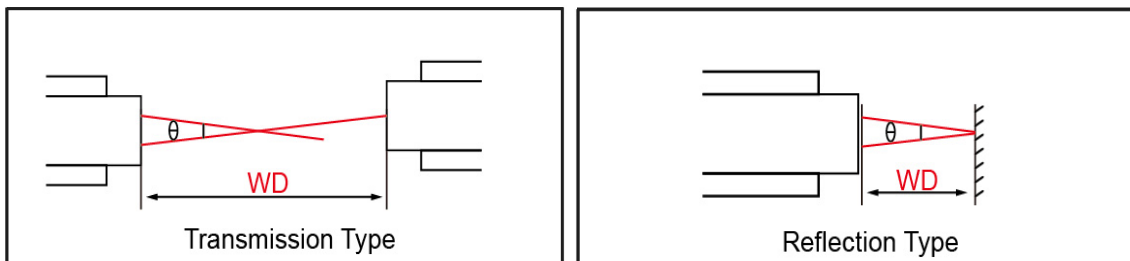
● Specifications

Parameter	Unit	Type A
Center Wavelength (λ_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 0mm for G Lens, 2.4mm 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 0.40 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

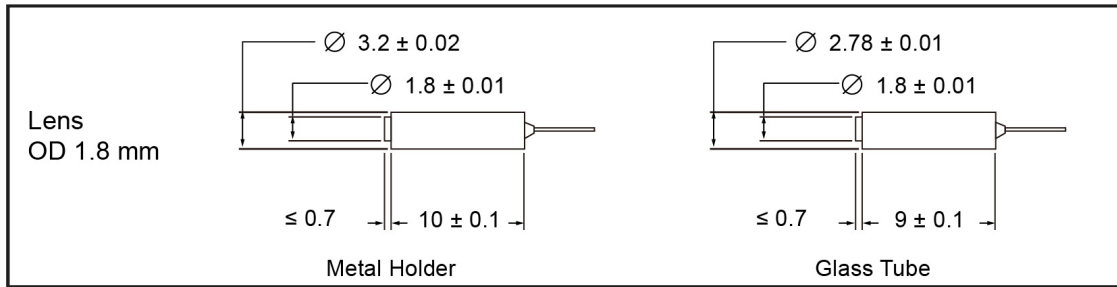
¹IL is 0.3 dB higher, RL is 5 dB lower for each connector added.

²Optical Power will be 1W only for 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

0 - 0 mm

5 - 5mm

SS - Specify

⑥: Connector Type

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

N - None S - Specify

⑦: Fiber Jacket

B-250 μ m Bare Fiber

⑧: Fiber Length

1 - 1.0 m

S - Specify

⑨: Lens Type

G - Grin Lens

C - C Lens

⑩: Working Type

T - Transmission Type

R - Reflection Type

⑪: Optical Power

03 - 0.3W

05 - 0.5W

3 - 3W

S - Specify