Polarization Maintaining Dual Fiber Collimator (GK-HPPMC Series)

Description

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

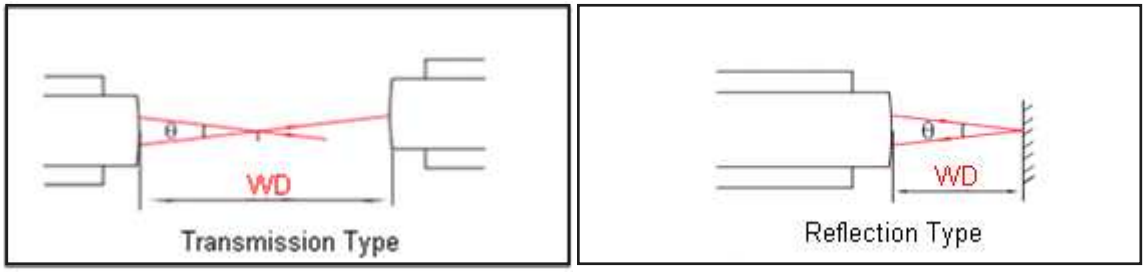
Specifications

Parameter	Unit	Type A
Center Wavelength (λc)	nm	980, 1064 or specified
Operating Wavelength Range	nm	λc ± 30
WorkingType	-	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℃	dB	0.25 0.30 0.35 0.25
Max. Insertion Loss @23℃	dB	0.30 0.40 0.45 0.30
Min. Extinction Ratio @23℃	dB	20
Min. Return Loss @23℃	dB	55
Max. Optical Power	W	0.3,0.5….3
Max. Tensile Load	N	5
Fiber Type	-	PM Panda Fiber or specified
Operating Temperature	℃	-5 to +70
Storage Temperature	℃	-40 to +85

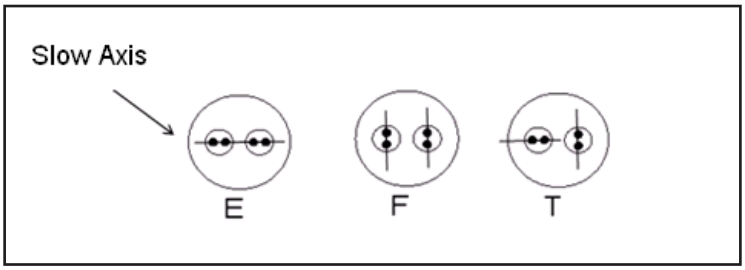
[1]IL is 0.5 dB higher,RL is 5 dB lower, and ER is 2 dB lower for each connector added. Connector key is aligned to slow axis.

[2]Optical Power will be 1W only for connector added.

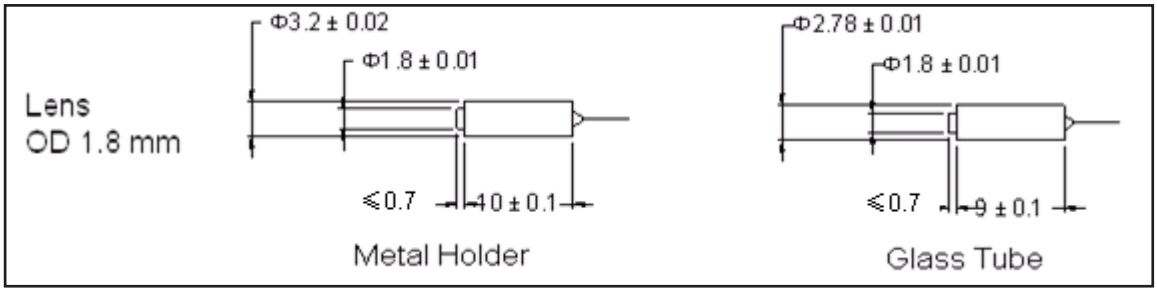
Working Type



Slow Axis Orientation



Package Dimensions



Ordering Information

GK-PMC-①-②-③-④-⑤-⑥-⑦-⑧-⑨-⑩-⑪-⑫

①: Lens Diameter

1 - 1.8 mm

②: Pigtail Type

2 - Dual Fiber Pigtail

③: Wavelength

98 - 980 nm

06 - 1064 nm

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

⑦: Fiber Jacket

B-250 μm Bare Fiber

⑧: Slow Axis Orientation

E - As Drawing

F - As Drawing

T - As Drawing

⑨: Fiber Length

Q - 0.75 m

S - Specify

⑩: Lens Type

C - C Lens

G - Grin Lens

⑪: Working Typ

T - Transmission Type

R - Reflection Type

⑫: Optical Power

03 - 0.3W

05 - 0.5 W

3 - 3W

S - Specify