



2 μ m Polarization Maintaining Fused Wavelength Division Multiplexer (GK-PMWDM Series)

● Description

The Polarization Maintaining Fused Wavelength Division Multiplexer combine or separate light at different They offer very low insertion loss, high extinction ratio, and excellent environmental stability.

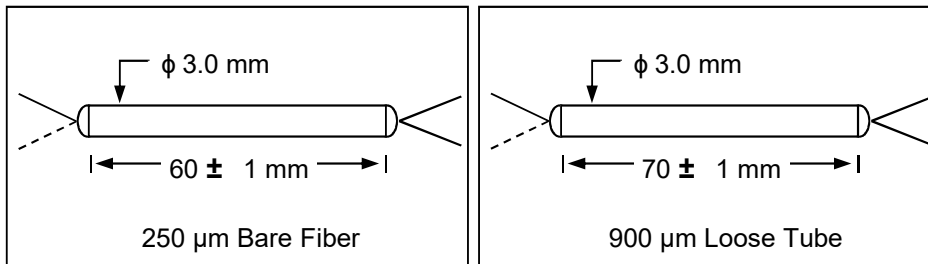
● Specifications

Parameter	Unit	Value
Longer Operating Wavelength	nm	2000 $\pm$ 20, or specified
Max. Insertion Loss	dB	0.7
Min. Isolation	dB	13
Min. Extinction Ratio	dB	20
Shorter Operating Wavelength	nm	1570 $\pm$ 20 800 $\pm$ 20 650 $\pm$ 20
Max. Insertion Loss	dB	0.7 0.7 1.5
Min. Isolation	dB	15 15 10
Thermal Stability	dB/°C	$\leq$ 0.005
Min. Return Loss	dB	55
Min. Directivity	dB	55
Max. Optical Power (Continuous Wave)	mW	300
Fiber Type	-	PM 1550 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, and ER is 2 dB lower for each connector added.
Connector key is aligned to slow axis.

¹Test at central wavelength only.

● Package Dimensions



● Ordering Information

GK-PMWDM-①-②-③-④-⑤-⑥

①: Configuration

1 - 1 × 2

②: Wavelength

15702000 - 1570 & 2000 nm

8002000 - 800 & 2000 nm

6502000 - 650 & 2000 nm

③: Connector Type

1 - FC/UPC 4 - SC/APC

2 - FC/APC N - None

3 - SC/UPC S - Specify

④: Fiber Jacket

B - 250 μm Bare Fiber

L - 900 μm Loose Tube

⑤: Fiber Length

Q - 0.75 m

S - Specify

⑥: Fiber Type

6 - Corning SMF-28