



Polarization Maintaining Fused Wavelength Division Multiplexer (976/1064)

(GK-WDM Series)

● Description

The Polarization Maintaining Fused Wavelength Division Multiplexer combine or separate light at different wavelengths. They offer very low insertion loss, high extinction ratio, and excellent environmental stability. These components can be operating on both fast and slow axis.

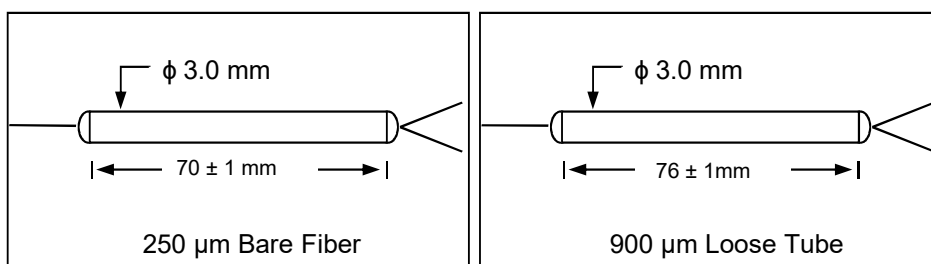
● Specifications

| Parameter | Unit | Value |
|--------------------------------------|-------|-----------------------|
| Longer Operating Wavelength | nm | 1064 ± 2 or specified |
| Max. Insertion Loss | dB | 0.5 |
| Min. Isolation | dB | 15 |
| Min. PER | dB | 17 |
| Shorter Operating Wavelength | nm | 976 ± 2 or specified |
| Max. Insertion Loss | dB | 0.5 |
| Thermal Stability | dB/°C | ≤ 0.005 |
| Min. Return Loss | dB | 55 |
| Min. Directivity | dB | 55 |
| Max. Optical Power (Continuous Wave) | W | 2 |
| Fiber Type | - | PM 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 - 2 ×2

②: Wavelength

9761064 - 976 & 1064 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

4 - Corning Panda PM 980