



## 976/1064 nm Singlemode Wavelength Division Multiplexers (GK-WDM Series)

### ● Description

The Singlemode Wavelength Division Multiplexers combine or separate light at different wavelengths. They offer very low insertion loss, low polarization dependence, high isolation, and excellent environmental stability. These components have been extensively used in EDFA, CATV, WDM networks and fiber optics instrumentation.

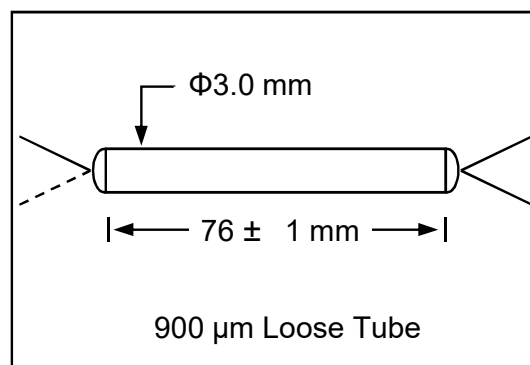
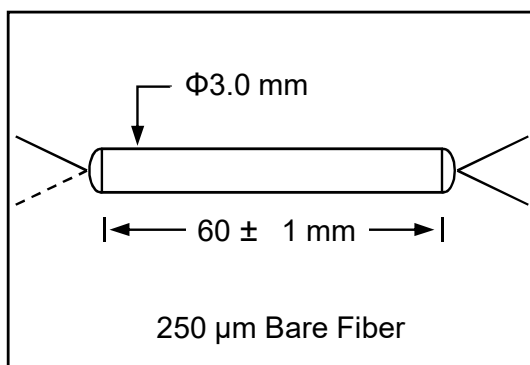
### ● Specifications

Parameter	Unit	Value
Center Wavelength ( $\lambda_c$ )	nm	976, 1064
Operating Wavelength	nm	$\lambda_c \pm 5$
Min. Isolation	dB	13
Max. Insertion Loss	dB	0.35
Max. Polarization Dependent Loss	dB	0.15
Thermal Stability	dB/°C	$\leq 0.002$
Min. Return Loss	dB	55
Min. Directivity	dB	55
Max. Optical Power (Continuous Wave)	mW	300
Operating Temperature	°C	- 40 to + 75
Storage Temperature	°C	- 40 to + 85

<sup>1</sup>IL is 0.5 dB higher, RL is 5 dB lower for each connector added.

<sup>2</sup>Test at central wavelength only

### ● Package Dimensions



## ● Ordering Information

GK-WDM-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

1 - 1.0 m

S - Specify

### ⑥: Fiber Type

4 - Corning HI 1060

5 - Corning HI 1060 Flex