



## 635/1064 nm Wavelength Division Multiplexers (GK-WDM Series)

### ● Description

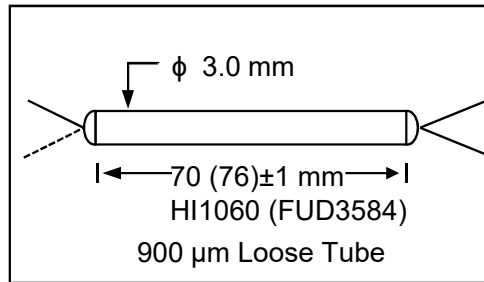
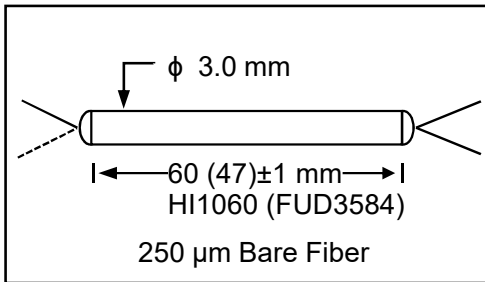
The Wavelength Division Multiplexers combine or separate light at different wavelengths. They offer very low insertion loss, low polarization dependence, high isolation and excellent environmental stability. These components have been extensively used in laser marking and fiber optics instrumentation.

### ● Specifications

Parameter	Unit	Value
Longer Operating Wavelength	nm	1064 ± 5
Max. Insertion Loss	dB	0.2
Max. Polarization Dependent Loss	dB	0.1
Min. Isolation	dB	20
Shorter Operating Wavelength	nm	635 ± 5
Max. Insertion Loss	dB	1.0
Min. Isolation	dB	10
Thermal Stability	dB/°C	≤ 0.002
Min. Return Loss	dB	55
Min. Directivity	dB	55
Max. Optical Power (Continuous Wave)	W	5
Operating Temperature	°C	- 40 to + 75
Storage Temperature	°C	-40 to +85

<sup>1</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

6351064 - 635 & 1064 nm

### ③: Connector Type

N - None

### ④: Fiber Jacket

B - 250  $\mu$ m Bare Fiber  
 L - 900  $\mu$ m Loose Tube

### ⑤: Fiber Length

1 - 1.0 m  
 S - Specify

### ⑥: Fiber Type

4 - Corning HI 1060  
 8 - Nufern FUD-3584