

Fused Wavelength Division Multiplexer (GK-WDM Series)

● Description

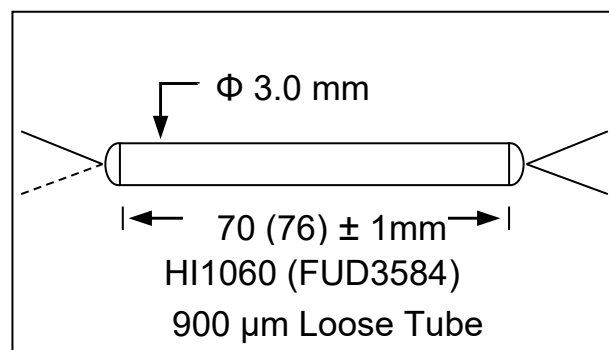
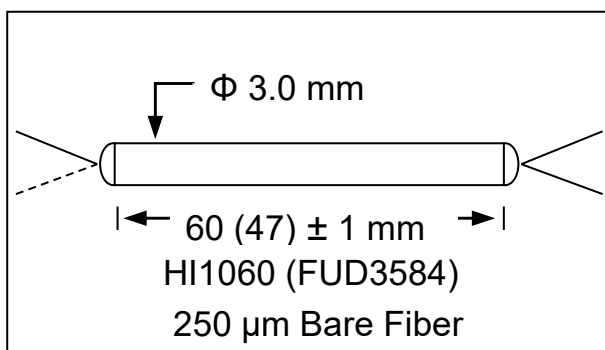
The Single Mode Wavelength Division Multiplexer combines or separates light at different wavelengths. It offers low insertion loss, low polarization dependence, high isolation, and excellent environmental stability.

● Specifications

Parameter	Unit	Value
Longer Operating Wavelength	nm	1064 ± 50, specified
Max. Insertion Loss	dB	0.7
Min. Isolation	dB	10
Shorter Operating Wavelength	nm	635 ± 10, or specified
Max. Insertion Loss	dB	1
Min. Isolation	dB	10
Max. Polarization Dependent Loss	dB	0.1
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

¹Test 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

635/1064 - 635 & 1064 nm

③: Connector Type

N - None

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
8 - Nufern FUD-3584