



## Fused Wavelength Division Multiplexer (WDM Series)

Spec Review No.: SR17732

### Description

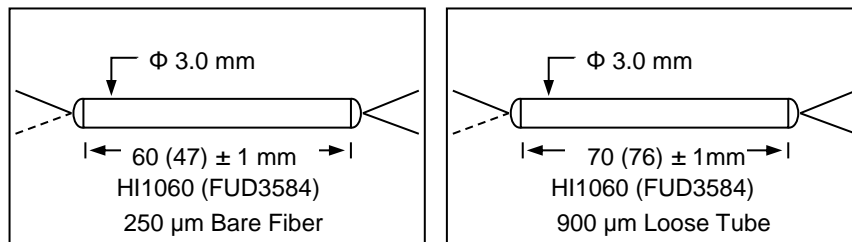
The Single Mode Wavelength Division Multiplexer combines or separates light at different wavelengths. It offers low insertion loss, low polarization dependence, high isolation, and excellent environmental stability.

### Specifications

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

\*Test at central wavelength only.

### Package Dimensions



### Ordering Information

**WDM-①-②②②②②②②②-③-④-⑤-⑥**

①: Configuration	②②②②②②②②: Wavelength	③: Connector Type
1 - 1 × 2	6351064 - 635 & 1064 nm	N - None
2 - 2 × 2		
④: Fiber Jacket	⑤: Fiber Length	⑥: Fiber Type
B - 250 µm Bare Fiber	1 - 1.0 m	4 - Corning HI 1060
L - 900 µm Loose Tube	S - Specify	8 - Nufern FUD-3584