



Fused Wavelength Division Multiplexer (WDM Series)

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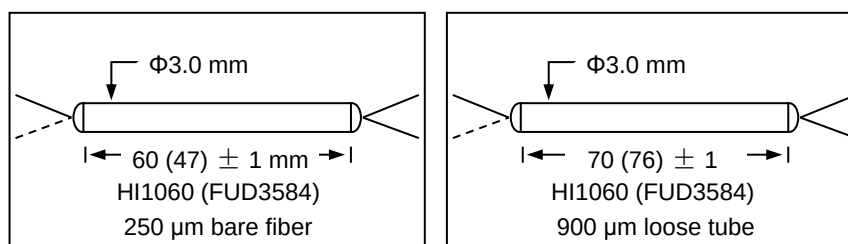
The Single Mode Wavelength Division Multiplexer combines or separates light at different wavelengths. It offers low insertion loss, low polarization dependence, high isolation, and excellent environmental stability.

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, 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

*Test at central wavelength only.

Package Dimensions



Ordering Information

WDM-①-②②②②②②②②-③-④-⑤-⑥

①: Configuration

1 - 1 × 2

2 - 2 × 2

②②②②②②②②: Wavelength

6351064 - 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