



Fused Wavelength Division Multiplexer (WDM Series)

Spec Review No.: SR17732

Description

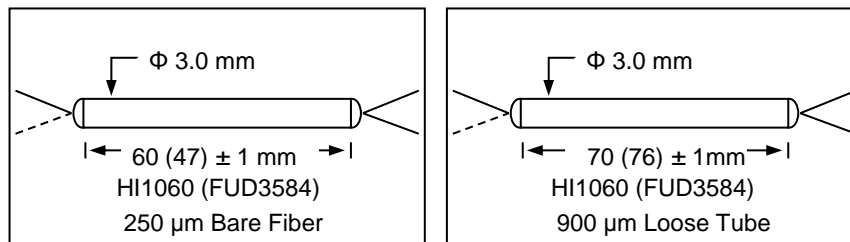
The Single Mode Wavelength Division Multiplexer combines or separates light at different wavelengths. It offers low insertion loss, low polarization dependence, high isolation, and excellent environmental stability.

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