



2 μm Fused Wavelength Division Multiplexer (WDM Series)

Rev 11C

Description

The 2 μm Fused Wavelength Division Multiplexer combine or separate light at 1570 nm (800 nm) and 2000 nm windows. They offer very low insertion loss and excellent environmental stability.

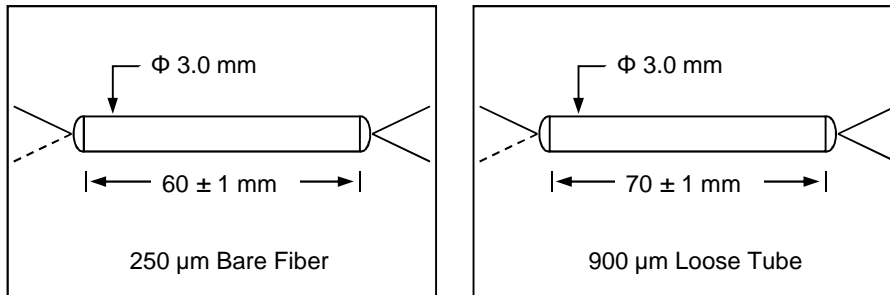
Specifications

Parameter	Unit	Value		
Longer Operating Wavelength	nm	2000 ± 20, or specified		
Max. Insertion Loss	dB	0.6		
Min. Isolation	dB	13		
Max. Polarization Dependent Loss	dB	0.15		
Shorter Operating Wavelength	nm	1570 ± 20	800 ± 20	650 ± 20
Max. Insertion Loss	dB	0.6	0.6	1.5
Min. Isolation	dB	17	17	15
Thermal Stability	dB/°C	≤ 0.002		
Min. Return Loss	dB	55		
Min. Directivity	dB	55		
Max. Optical Power (Continuous Wave)	mW	500		
Operating Temperature	°C	- 40 to + 75		
Storage Temperature	°C	- 40 to + 85		

¹IL is 0.3 dB higher, RL is 5 dB lower for each connector added.

²Test at central wavelength only.

Package Dimensions



Ordering Information

WDM-①-②②②②②②②②②-③-④-⑤

①: Configuration

1 - 1 × 2

②②②②②②②②②: Wavelength

15702000 - 1570 & 2000 nm

8002000 - 800 & 2000 nm

6502000 - 650 & 2000 nm

③: Connector Type

1 - FC/UPC 4 - SC/APC

2 - FC/APC N - None

3 - SC/UPC S - Specify

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

6 - Corning SMF-28