

BUY NOW 

2 μm Fused WDM

(polarization independent and polarization maintain)

Product 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.



Features

- High Power Handling
- Low IL
- High Reliability & Stability
- Cost Effective

Performance Specifications

2 μm Fused WDM	Typical			Unit
Longer Wavelength	2000 \pm 20			nm
Insertion Loss ¹	0.7			dB
Isolation ²	13			dB
Extinction Ratio ²	20			dB
PDL ³	0.15			dB
Shorter Wavelength	1570 \pm 20	800 \pm 20	650 \pm 20	nm
Insertion Loss ¹	0.7	0.7	1.5	dB
Isolation ¹	15	15	10	dB
Thermal Stability	\leq 0.005 over -5 $^{\circ}\text{C}$ to +70 $^{\circ}\text{C}$			dB/ $^{\circ}\text{C}$
Return Loss	55			dB
Directivity	55			dB
Average Optical Power Handling ⁴	300			mW
Fiber Type	SMF-28 / PM 1550 Panda Fiber			
Operating temperature	-5 ~ 70			$^{\circ}\text{C}$
Storage temperature	-40 ~ 85			$^{\circ}\text{C}$

Note:

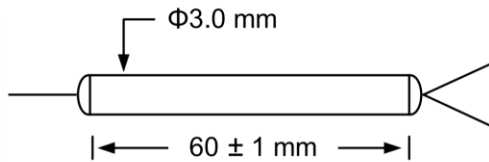
1. Measured without connectors at center wavelength and 23 $^{\circ}\text{C}$
2. PM version only
3. SM version only
4. Continuous operation.

Applications

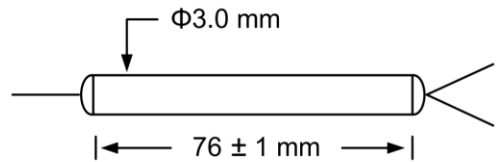
- Laser Pump Source
- Optical Fiber Amplifier
- Laser Manufacturing
- Test and Measurement

2 μm Fused WDM

Mechanical Dimensions (mm)



250 μm bare fiber



900 μm loose tube

*Product dimensions may change without notice. This is sometimes required for non-standard specifications.

Ordering Information

WDM2-	A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Wavelength	Configuration	Fiber Type		Fiber Length	Connector
		1570/2000=12 800/2000=82 650/2000=62 Special=00	1x2=12 Special =00	SMF-28e=1 PM1550 =2 Special =0	Bare fiber=1 900um tube=2 Special=0	0.75 M =1 Special=0	None=1 FC/PC=2 FC/APC=3 SC/PC=4 SC/APC=5 ST/PC=6 LC=7 Special=0