

Wavelength Division Multiplexers (635/1064) (WDM Series)

Rev 11C

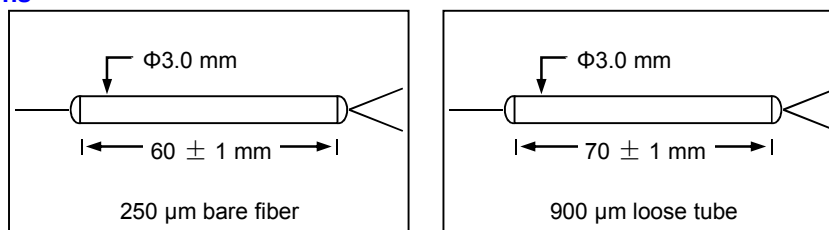
The Wavelength Division Multiplexers combine or separate light at different wavelengths. They offer very low insertion loss, low polarization dependence, high isolation and excellent environmental stability. These components have been extensively used in laser marking and fiber optics instrumentation.

Specifications

Parameter	Unit	Value
Longer Operating Wavelength	nm	1064 ± 5
Max. Insertion Loss	dB	0.15
Max. Polarization Dependent Loss	dB	0.05
Min. Isolation	dB	20
Shorter Operating Wavelength	nm	635 ± 5
Max. Insertion Loss	dB	1.0
Min. Isolation	dB	15
Thermal Stability	dB/°C	≤ 0.002 over -5 °C to +70 °C
Min. Return Loss	dB	55
Min. Directivity	dB	55
Max. Optical Power (Continuous Wave)	W	5
Fiber Type		HI 1060 fiber
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to +85

*Test at central wavelength only.

Package Dimensions



Ordering Information

WDM-①-②②②②-③-④-⑤-⑥

①: Configuration

1 - 1 × 2

②②②②: Wavelength

6306 - 635 & 1064 nm

③: Connector Type

N - None

④: Fiber Jacket

B - 250 μm bare fiber

L - 900 μm loose tube

S - Specify

⑤: Fiber Length

1 - 1.0 m

S - Specify

⑥: Handling Power

1 - 1 W

5 - 5 W

S - Specify