



Singlemode Wavelength Division Multiplexers (980/1550) (High Reliability)

Key Features

- High Reliability
- Fused WDM

Applications

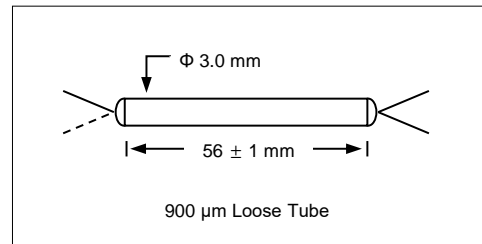
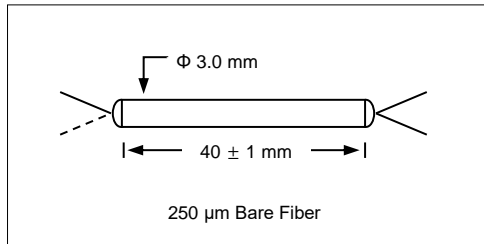
- EDFAs Systems
- Submarine Optical Fiber Communication

Specifications

Parameter	Unit	Value
Signal Bandwidth	nm	1524 - 1573
Pump Bandwidth	nm	970 - 980
Min. Isolation	dB	20
Max. Insertion Loss	dB	0.15
Max. Polarization Dependent Loss	dB	0.1
Max. Wavelength Dependent Loss	dB	0.1
Thermal Stability	dB/°C	≤ 0.002
Min. Return Loss @ 23 °C	dB	55
Min. Directivity @ 23 °C	dB	55
Max. Optical Power (Continuous Wave)	W	2
Operating Temperature	°C	0 to + 45
Storage Temperature	°C	- 40 to + 85

*IL is 0.5 dB higher, RL is 5 dB lower for each connector added. The Optical Power is 1 W only for connector added.

Package Dimensions



Ordering Information

WDM-①-②②②②②②②②-③-④-⑤-⑥-SUB

①: Configuration

1 - 1 × 2

2 - 2 × 2

②②②②②②②②: Wavelength

9751550 - 975 & 1550 nm

③: Connector Type

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

N - None

S - Specify

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: Fiber Option

N - Nufern 1060-XP 200 Kpsi

H - Corning HI1060 200 Kpsi

S - Specify