

## Single Mode Wavelength Division Multiplexers 980&1060nm

### Features

All Fiber Construction  
 High Reliability  
 Outstanding Optical Performance  
 Different Fiber Types Available

### Applications

Fiber to the Home (FTTH)  
 Local Loop  
 Passive Optical Networks  
 Fiber Optic Sensing

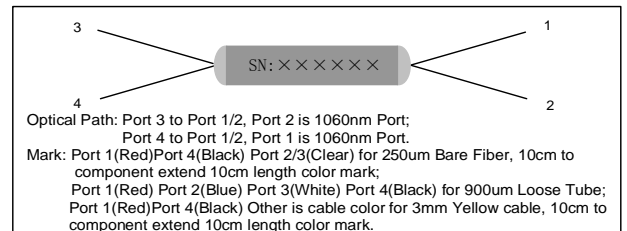
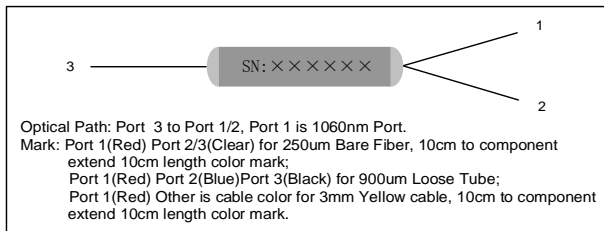
### Specifications

Parameters	Unit	Values
Center Wavelength	nm	980&1060
Operating Wavelength Range	nm	±5
Min. Isolation	dB	15
Max. Insertion Loss	dB	0.35
Max. PDL	dB	0.15
Min. Return Loss	dB	50
Min. Directivity	dB	50
Max. Optical Power (CW)	mW	500
Max. Tensile Load	N	5
Thermal Stability	dB/°C	≤ 0.002 over -5 °C to +70 °C
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to +85
Fiber Type	-	Hi 1060 fiex fiber
Package Dimensions	mm	250um Bare Fiber                      Ø3.0X54
		900um Loose Tube                      Ø3.0X75
		3mm Loose Cable                      90X16X9

\*Above specifications are for device without connector.

\*For devices with connectors, IL will be 0.3dB higher and RL will be 5dB lower.

### Package Dimensions



### Ordering Information

**AWDM-①①①①-②-③③③③-④④④④-⑤**

①①①①: Wavelength  
 9806 - 980 & 1060nm

②: Port Configuration  
 1 - 1X2  
 2 - 2X2

③③③③: Connector Type on all Ports  
 1 - FC/UPC  
 2 - FC/APC  
 3 - SC/UPC  
 4 - SC/APC  
 N - None  
 S - Specify

④④④④: Fiber Jacket on all Ports  
 B - 250um Bare Fiber  
 L - 900um Loose Tube  
 C - 3mm Loose Cable  
 S - Specify

⑤: Fiber Length  
 1 - 1m  
 S - Specify