

**Optizone** Single Mode Wavelength Division Multiplexers 980&1550nm

**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

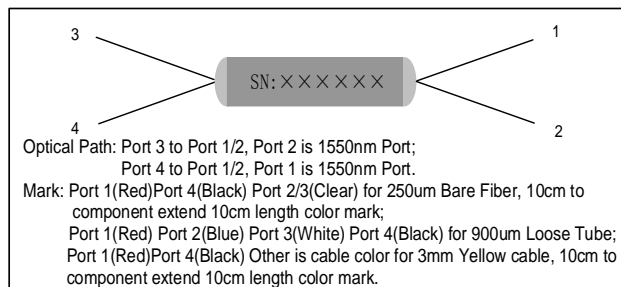
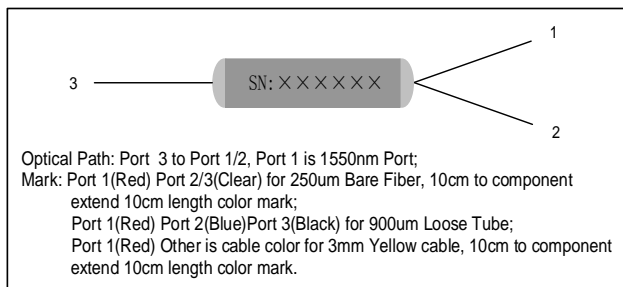
**Specifications**

Parameters	Unit	Values
Center Wavelength	nm	980&1550
Operating Wavelength Range	nm	±15
Min. Isolation	dB	20
Max. Insertion Loss	dB	0.25
Max. PDL	dB	0.1
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 flex fiber
Package Dimensions	mm	250um Bare Fiber      Ø3.0X40
		900um Loose Tube      Ø3.0X56
		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**

**WDM-①①①①-②-③③③③-④④④④-⑤**

①①①①: Wavelength  
 9855 - 980 & 1550nm

②: Port  
 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 - 1.0m  
 S - Specify