

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

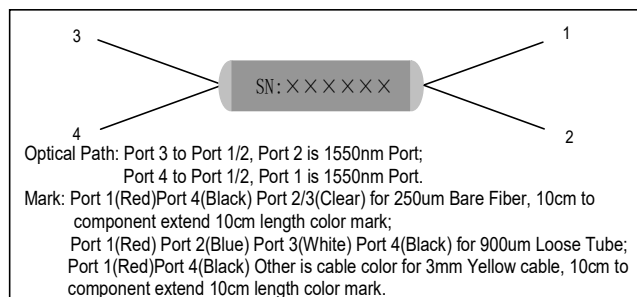
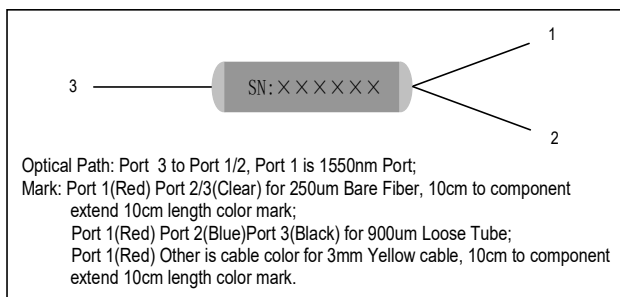
Parameters	Unit	Values
Center Wavelength	nm	980&1550
Operating Wavelength Range	nm	±15
Min. Isolation	dB	20
Max. Insertion Loss	dB	0.25
Max. PDL	dB	0.1
Min. Return Loss	dB	50
Min. Directivity	dB	50
Max. Optical Power (CW)	mW	500
Max. Tensile Load	N	5
Thermal Stability	dB/°C	≤ 0.002 over -5°C to +70°C
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to +85
Fiber Type	-	HI1060 Flex Fiber or HI1060 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.

* The material must be RoHS compliant.

Package Dimensions



Ordering Information

WDM-①①①①-②-③③③③-④④④④-⑤-⑥⑥-⑦⑦

①①①①: Wavelength
 9855 - 980 & 1550nm

②: Port
 1 - 1X2
 2 - 2X2

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

④④④④: Fiber Jacket
 B -250um Bare Fiber
 C - 900um Loose Tube(Red)
 D - 900um Loose Tube(Blue)
 E - 900um Loose Tube(Black)
 F - 900um Loose Tube(White)
 T - 3mm松套管(黄色)

⑤: Fiber Length
 1 - 1m
 S - Specify

⑥⑥: Fiber Type
 20 - HI1060 Flex Fiber
 1E - HI1060 Fiber

⑦⑦: Package Dimensions
 14 - Ø3.0x40
 16 - Ø3.0x56
 29 - 90x16x9