

WDM 800002
Features

All Fiber Construction
 High Reliability
 Outstanding Optical
 Different Fiber Types
 Available

Applications

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

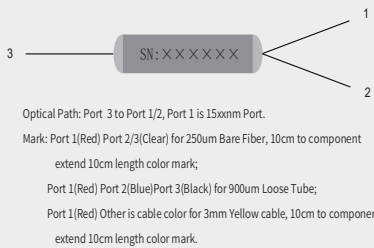
Specifications

Parameters	Unit	Values		
Center Wavelength	nm	1490/1550	1480/1550	1480/1590
Operating Wavelength Range	nm	±5	±5	±5
Min. Isolation	dB	11	13	15
Max. Insertion Loss	dB	0.55	0.4	0.4
Max. PDL	dB	0.15	0.15	0.15
Min.Return Loss	dB	50	50	50
Min.Directivity	dB	50	50	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		SMF-28e fiber		
Package Dimensions	mm	250um Bare Fiber	Ø3.0X55	
		900um Loose Tube	Ø3.0X75	
		3mm Loose Cable	90X16X9	

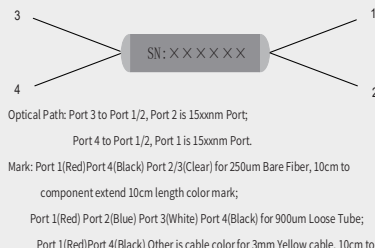
*Above specifications are for device without connector.

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

Package Dimensions



Optical Path: Port 3 to Port 1/2, Port 1 is 15xnm Port.
 Mark: Port 1(Red) Port 2/3(Clear) for 250um Bare Fiber, 10cm to component extend 10cm length color mark;
 Port 1(Red) Port 2(Blue) Port 3(Black) for 900um Loose Tube;
 Port 1(Red) Other is cable color for 3mm Yellow cable, 10cm to component extend 10cm length color mark.



Optical Path: Port 3 to Port 1/2, Port 2 is 15xnm Port;
 Port 4 to Port 1/2, Port 1 is 15xnm Port.
 Mark: Port 1(Red) Port 4(Black) Port 2/3(Clear) for 250um Bare Fiber, 10cm to component extend 10cm length color mark;
 Port 1(Red) Port 2(Blue) Port 3(White) Port 4(Black) for 900um Loose Tube;
 Port 1(Red) Port 4(Black) Other is cable color for 3mm Yellow cable, 10cm to component extend 10cm length color mark.



Ordering Information

800002-①①①①-②-③③③③-④④④④-⑤

①①①①:

Wavelength
 4955 - 1490/1550
 4855 - 1480/1550
 4859 - 1480/1590

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 Cable
 S - Specify

⑤: Fiber Length

1 - 1.0m
 S - Specify

