

Optizone Single Mode Wavelength Division Multiplexers(1310&1550)

Features	Applications
Wide Bandwidth	Telecommunications
Low Excess Loss	CATV Network
Excellent Performance	Access Network
High Stability and Reliability	Optical Amplifier

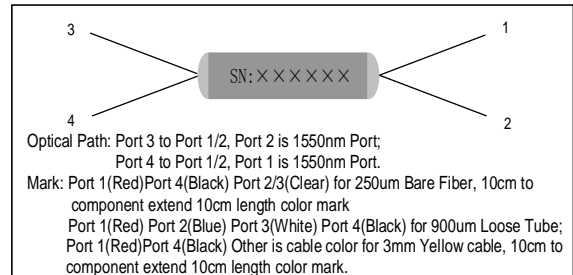
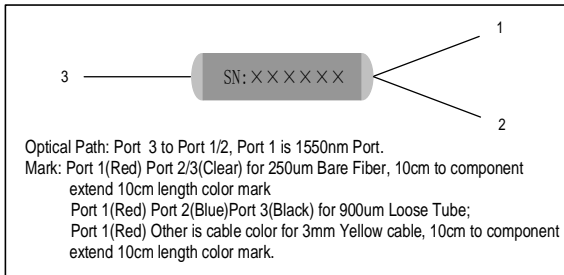
Specifications

Parameters	Unit	Values	
Center Wavelength		1310&1550	1310&1550
Bandwidth	nm	±10	±15
Min. Isolation	dB	20	17
Max. Insertion Loss	dB	0.3	0.3
Max. PDL	dB	0.15	0.15
Min. Directivity	dB	55	55
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	
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.

Package Dimensions



Ordering Information

WDM-①①①①-②-③③③③-④④④④-⑤

①①①①: Wavelength
 3155 - 1310 & 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