

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

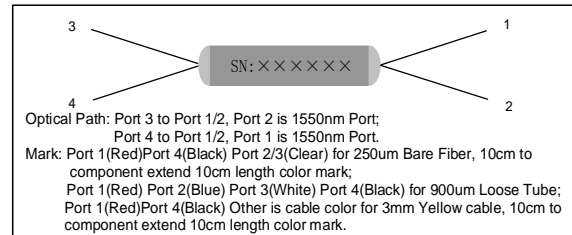
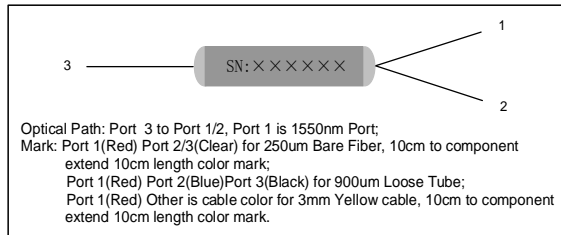
Specifications

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

AWDM-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