



## High density 8 channel 100G DWDM MUX DEMUX module for 5G data center application

Our Product Introduction

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### Basic Information

- Place of Origin: Guangdong, China
- Brand Name: DYS
- Model Number: DWDM
- Minimum Order Quantity: 2 pieces
- Price: \$50.00 - \$150.00/pieces
- Packaging Details: Plastic box  
Carton box  
Or as customers requirements
- Supply Ability: 10000 Set/Sets per Day



### Product Specification

- Type: DWDM Module, ABS Box Module
- Use: FTTX
- Channel Number: 4CH, 8CH Or 16CH
- Structure: Mux Or Demux
- Channel Spacing: 100G(0.8nm)
- Channel Wavelength: ITU 100 GHz Grid
- Input/Output Connector: FC, SC, LC Optional
- Input/Output Length: 0.5m, 1m Or Customized
- Pigtail Diameter: 0.9mm
- Package Dimension: 100X80X10mm
- Application: Telecommunication
- Port: Shenzhen



### More Images



### Product Description

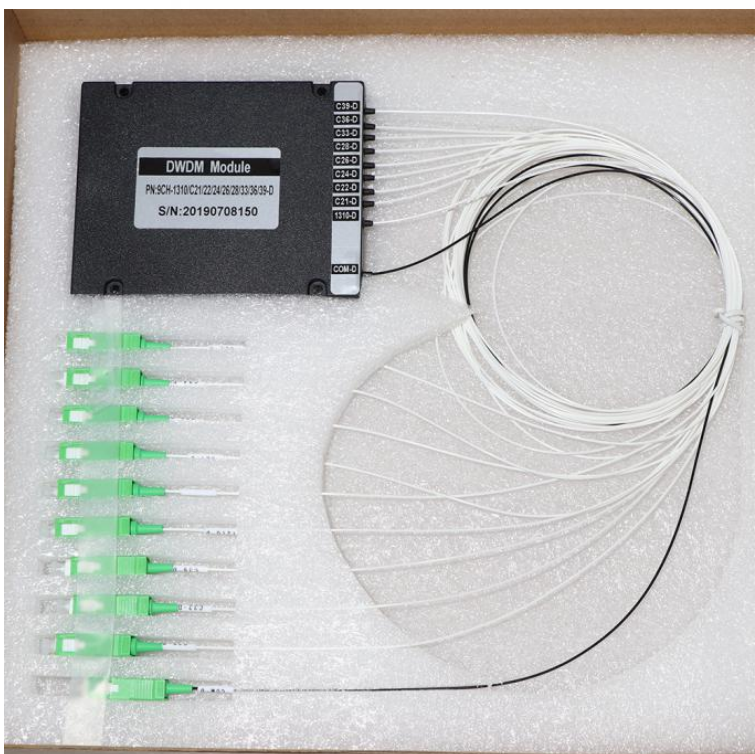
#### Product Description

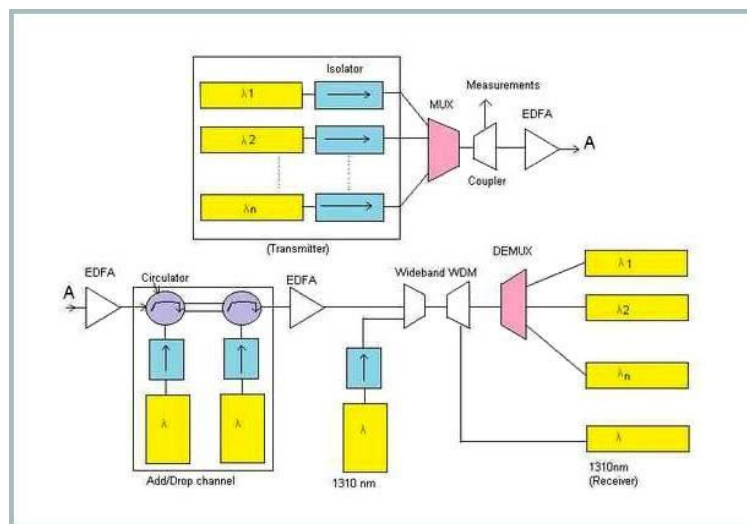
##### High density 8 channel 100G DWDM MUX DEMUX module for 5G data center application

DWDM multi-channel multiplexer /demultiplexer (Mux /DeMux)modules are available on ITU channel spacing of 200GHz. They demonstrate low loss, temperature insensitivity and reliable performance in any system application.Mux/DeMux modules offer low-cost wavelength management solutions that are suitable for long haul, metro, and access application.

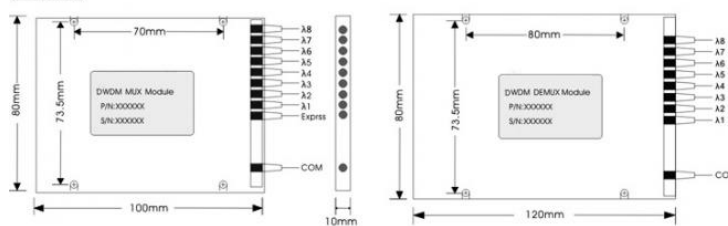
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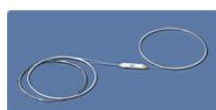
Drawing:



| Parameter                                    | 4-Channel        |       | 8-Channel |       | 16-Channel |       |     |
|----------------------------------------------|------------------|-------|-----------|-------|------------|-------|-----|
|                                              | Mux              | Demux | Mux       | Demux | Mux        | Demux |     |
| Channel Wavelength(nm)                       | ITU 100GHz Grid  |       |           |       |            |       |     |
| Channel Spacing(GHz)                         | 100(0.8nm)       |       |           |       |            |       |     |
| Channel Passband (@-0.5dB bandwidth(nm)      | >0.25            |       |           |       |            |       |     |
| Insertion Loss(dB)                           | ≤1.8             |       | ≤3.7      |       | ≤5.5       |       |     |
| Channel Uniformity(dB)                       | ≤0.6             |       | ≤1.0      |       | ≤1.5       |       |     |
| Channel Ripple(dB)                           | <0.3             |       |           |       |            |       |     |
| Isolation(dB)                                | Adjacent         | N/A   | >30       | N/A   | >30        | N/A   | >30 |
|                                              | Non-adjacent     | N/A   | >40       | N/A   | >40        | N/A   | >40 |
| Insertion Loss Temperature Sensitivity(dB/ ) | <0.005           |       |           |       |            |       |     |
| Wavelength Temperature Shifting (nm/ )       | <0.002           |       |           |       |            |       |     |
| Polarization Dependent Loss(dB)              | <0.1             |       | <0.1      |       | <0.15      |       |     |
| Polarization Mode Dispersion(ps)             | <0.1             |       |           |       |            |       |     |
| Directivity(dB)                              | ≥50              |       |           |       |            |       |     |
| Return Loss(dB)                              | ≥45              |       |           |       |            |       |     |
| Maximum Power Handling(mW)                   | 300              |       |           |       |            |       |     |
| Operating Temperature( )                     | -5~+75           |       |           |       |            |       |     |
| Storage Temperature( )                       | -40~+85          |       |           |       |            |       |     |
| Package dimension(mm)                        | A: L100×W80×H10  |       |           |       |            |       |     |
|                                              | B: L120×W80×H18  |       |           |       |            |       |     |
|                                              | C: L141×W115×H18 |       |           |       |            |       |     |



100GHz DWDM Devices



200GHz DWDM Devices



2FWDM Devices



Mini DWDM/CWDM Modules



Cassette DWDM/CWDM Modules



DWDM/CWDM Modules



DWDM/CWDM 1U Rackmount



1U Cassette DWDM/CWDM Modules



DWDM/CWDM 3U Rackmount



## Main Products



Fiber Optic Cable



Patch Cord&Pigtail



MPO/MTP



FTTX Cable Assembly



Fiber Optic Adapter



(FTTH) Terminal Box



(FTTH) PLC Splitter



(FTTH) Fast Connector

## Our Company

# DYS CERTIFICATE

- 1 One-stop Solution Service
- 2 Products made by DYS own factory with competitive price good quality and fast delivery time

## Reliability Testing Laboratory

- Manual Image Measuring Machine
- Automatic Insertion Force Testing Machine
- Tensile Testing Machine
- High/Low Temperature Circulating Machine
- IPX5 Pressure Water Immersion Testing Machine
- Fiber Bending and Torsion Testing Machine
- Salt Spray Testing Machine
- Collision Testing Machine
- Three Directions Vibration Test Machine



## PACKING & DELIVERY



## FAQ

1. Do you provide OEM ODM service ?  
Yes, we can print your logo or label on the products or on the box.
2. How can you guarantee the quality ?  
Build on our perfect quality management system, all of our products were 100% tested before the shipment.
3. What is your delivery time ?  
Generally, sample: 3-5 working days; formal order: 7-10 working days.
4. What's the method of shipment?  
We accept all shipment, such as Delivery, ocean transport, land transport, airport transport.
5. What's the Payment?  
We accept all payments, such as LC, TT, DP, DA, Paypal, Western Union, Money Gram.

Product inquiry

Send us inquiry, you will get full catalog.



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