

**100G, 200G DWDM OADM Module (4, 8 channel)**
**Features:**

- ◆ ITU Channel Spacing
- ◆ Low Insertion Loss
- ◆ Wide Passband
- ◆ High Channel Isolation
- ◆ High Stability and Reliability
- ◆ Epoxy-free on Optical Path


**Applications:**

- ◆ Channel Add/Drop
- ◆ DWDM Network
- ◆ Wavelength Routing
- ◆ Fiber Optical Amplifier
- ◆ CATV Fiber Optical System
- ◆ Access Network

**Performance Specifications:**

| Parameter                                      |                | 4 Channel                  |      | 8 Channel |      |
|--|----------------|----------------------------|------|-----------|------|
|  |                | Add                        | Drop | Add       | Drop |
| Channel Wavelength (nm)                        |                | ITU Grid                   |      |           |      |
| Center Wavelength Accuracy (nm)                |                | ±0.05 (100G) / ±0.1 (200G) |      |           |      |
| Channel Spacing (GHz)                          |                | 100                        |      |           |      |
| Channel Passband (@-0.5dB bandwidth (nm))      |                | >0.22 (100G) / >0.5(200G)  |      |           |      |
| Insertion Loss (dB)                            | In—Drop@drop   | 2.0                        |      | 3.2       |      |
|  | Add---Out@add  | 2.0                        |      | 3.2       |      |
|  | In---out@other | 2.5                        |      | 5.0       |      |
| Add/Drop Channel Ripple (dB)                   |                | <0.3                       |      |           |      |
| Isolation @Add/Drop Channel                    | Adjacent       | N/A                        | >30  | N/A       | >30  |
|  | Non-adjacent   | N/A                        | >40  | N/A       | >40  |
| Insertion Loss Temperature Sensitivity (dB/°C) |                | <0.005                     |      |           |      |
| Wavelength Temperature Shifting (nm/°C)        |                | <0.002                     |      |           |      |

|  |             |
|--|-------------|
| Polarization Dependent Loss (dB)                             | <0.1        |
| Polarization Mode Dispersion (ps)                            | <0.1        |
| Directivity (dB) (Input to add, Output to drop, Add to drop) | >50         |
| Return Loss (dB)   | >45         |
| Maximum Power Handling (mW)                                  | 500         |
| Operating Temperature (°C)                                   | -10~+75     |
| Storage Temperature (°C)                                     | -40~+85     |
| Package Dimension (mm)                                       | L100x80xH10 |

Specification may change without notice.

Above specification are for device without connector.

### Nomenclature:

| OADM | X                        | XX                 | XX  | XX   | X  | X                         | XX  |
|------|--------------------------|--------------------|---|--|--|---------------------------|---|
|      | Channel Spacing          | Number of Channels | Configuration                             | 1st Channel  | Fiber Type   | Fiber Length              | In/Out Connector  |
|      | 1=100GGrid<br>2=200GGrid | 4=4CH<br>8=8CH     | 44=4x4 Add and Drop<br>8=8x8 Add and Drop | 21=CH21<br>.....<br>34=CH34<br>.....<br>50=CH50<br>..... | 1=Bare fiber<br>2=900um loose tube<br>3=2mmCable<br>4=3mmCable | 1=1m<br>2=2m<br>S=Specify | 0=None<br>1=FC/APC<br>2=FC/PC<br>3=SC/APC<br>4=SC/PC<br>5=ST<br>6=LC<br>S=Specify |