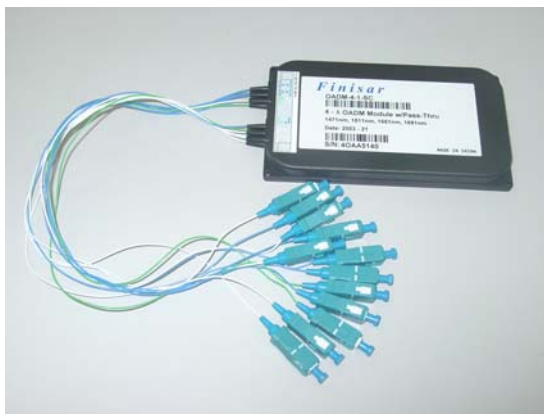


## Features:

- Low Optical Insertion Loss
- Cost-effective CWDM technology
- Adds/drops four Wavelengths
- Dual SC or LC connectors for simple GBIC interfacing
- Reliable passive WDM optical technology
- Scales easily for ring networks
- Low-profile modular design
- Compliance with RoHS

## CWDM OADM-F-4 Optibox™ Module



The Finisar OADM-F-4 Optibox™ Module is a passive optical add/drop multiplexer designed for metro access applications that represents the state of the art in fiber optics design, which is assembled by Finisar greenwave devices. The OADM-F-4 Optibox™ Module adds/drops four wavelength CWDM channels from network traffic and passes the other channels. Finisar's unique CWDM design maps the channel into separate two-fiber paths, going in opposite directions into the network (East/West).

Added/dropped channels are interfaced to any of Finisar's CWDM transceivers on the equipment side. A grid of eight CWDM wavelengths is available from Finisar.

The Finisar OADM-F-4 delivers dramatic cost savings to network equipment manufacturers, enabling them to develop metro access systems that are lower in cost, easier to provision and simpler to operate.

## OADM-F-4 Optibox Module

### Specifications

#### Mechanical

**Dimensions:**  
5.5" x 3.2" x 0.5",  
139mm x 81mm x 13mm

**Connectors:**  
• Available with SC or LC connectors

#### Optical

##### Center wavelengths: (2 versions):

- OADM-F-4-1
- 1471 nm
  - 1511 nm
  - 1551 nm
  - 1591 nm

- OADM-F-4-2
- 1491 nm
  - 1531 nm
  - 1571 nm
  - 1611 nm

##### Directivity:

>= 55 dB

##### Return Loss:

>= 45 dB

##### Passband Ripple:

<= 0.5dB

##### PDL:

<= 0.15dB

##### PMD:

<= 0.2ps

##### Environmental:

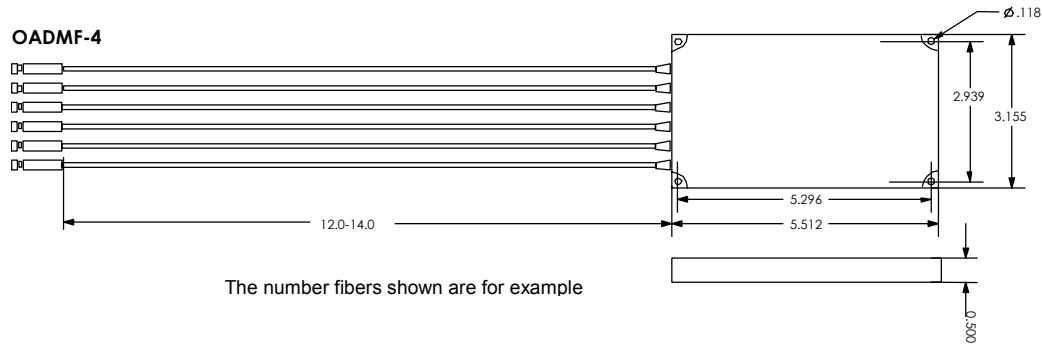
- Operating 0 to 70°C,
- Relative humidity:  
10 to 85%,  
non-condensing
- Storage - 40 to 85°C

## OADM4-4 Parameter Specifications

| Passband  | Max Insertion Loss (dB) |      |      | Isolation (dB) |      |      |
|-----------|-------------------------|------|------|----------------|------|------|
|           | Add                     | Drop | Pass | Add            | Drop | Pass |
| +/- 6.5nm | 2.30                    | 2.30 | 2.15 | >=30           | >=50 | >=14 |

**Note:** Connector loss is included.

## Dimensions (Unit: inch)



## Ordering Information

### Part Number Description

OADM4-4-1-xx                    4 Wavelength Add/Drop (1471, 1511, 1551, 1591)  
 OADM4-4-2-xx                    4 Wavelength Add/Drop (1491, 1531, 1571, 1611)

XX = LC   -   LC connectors  
           SC   -   SC connectors