



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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-F4 Optibox™ Module



The Finisar OADM-F4 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-F4 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-F4 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-F4 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-F4-1
- 1471 nm
 - 1511 nm
 - 1551 nm
 - 1591 nm

- OADM-F4-2
- 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:

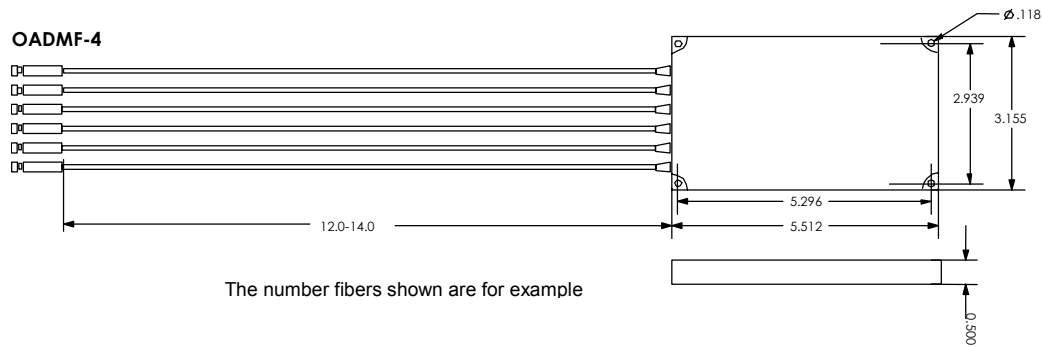
- Operating 0 to 70°C,
- Relative humidity:
10 to 85%,
non-condensing
- Storage - 40 to 85°C

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