



OADM 100G 4CH

Revision v1.0

Product Information (Preliminary)

Model Number: OADM 100G Series
Description: 4 Channel 100GHz Re-configurable OADM

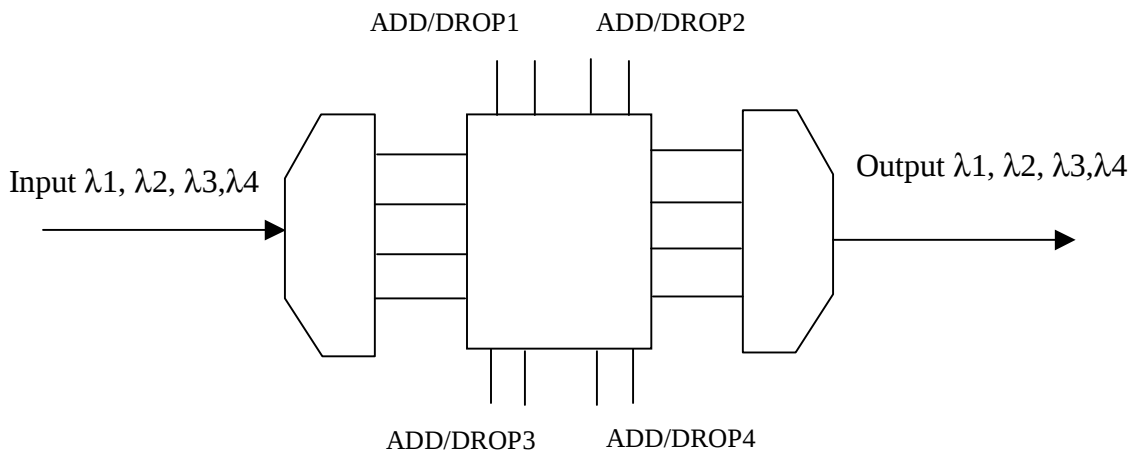
Selected Features:

- Re-configurable
- 100 GHz Channel Spacing
- High Speed
- High Channel Isolation
- Low Polarization Dependent Loss
- Low Insertion Loss
- High Reliability
- Compact Size

Selected Applications:

- Dense WDM Systems
- Multiplexing and De-multiplexing
- Optical Cross connect
- CATV Fiber-optic Links
- EDFA System

Functional Diagram:



Optical Performance Specification:

Channel Center Frequency	ITU grids
Number of Channel	4
Add-Drop Speed	< 0.5 ms
1 dB BandWidth	> 0.35 nm
Insertion Loss	<5 dB (without connector loss)
Pass Band Ripple	0.5 dB
Uniformity	1 dB
PDL	< 0.2dB
PMD	< 0.2 ps



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Directivity	> 50 dB
Return Loss	> 50dB
Adjacent Channel Isolation	> 25 dB
Nonadjacent Channel Isolation	> 35 dB
Total Cross Talk	> 25 dB
Within Band Chromatic Dispersion	< 5 ps
Optical Return Loss	> 45 dB

Electrical Specifications

Switching Voltage	5.0 Volt
Pulse Duration	< 1 ms
Cycle Rate	5 kHz
Pass Channel k	Positive pulse on pin pair (k)
Add-Drop Channel k	Negative pulse pin pair (k)
<i>*Pin configuration see mechanical drawings</i>	

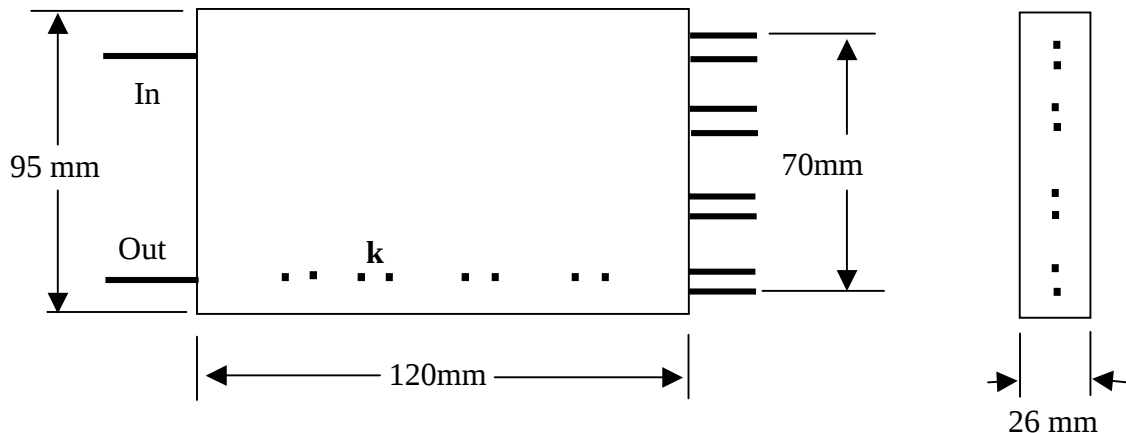
Environmental Specifications

Operation Temperature	-5~65°C
Humidity	0~85% RH
Storage Temperature	-40~85°C

Packaging Specifications

Package Dimension	120x95x26 mm ²
Fiber Type	900um
Pigtail Length	100±5cm
Optional Connector	To Be Specified

Package Dimensions:



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