

Zenastra designs and manufactures optical circuits for DWDM systems.

We deliver high volume optical component integration that improves system flexibility at reduced cost.



Optical Add/Drop Multiplexer

The Zenastra 100 GHz and 400 GHz OADMs are used to add and drop up 400 GHz onto a single fiber at optical network nodes in multi-wavelength systems based on the ITU Grid. Using industry accepted silica-on-silicon technologies and designed to meet Telcordia 1209/1221 specifications, these multiplexers have no moving parts. Zenastra OADMs provide superior bandpass characteristics and are an economical and flexible alternative to using thin film filters in optical networks.

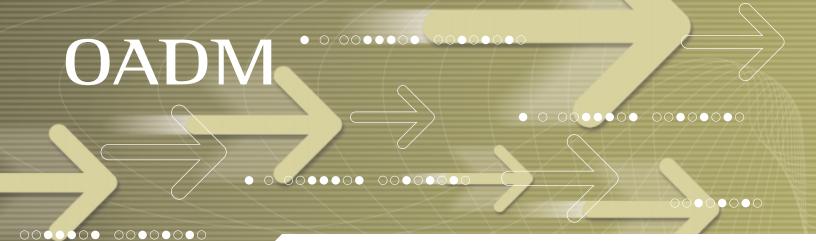
FEATURES

- Proven silica-on-silicon technology ensures consistent quality and high adherence to specifications
- Design for compliance with Telcordia 1209/1221 assures long term stability and reliability
- Adds or drops up to 400GHz of bandwidth to accommodate 50GHz, 100GHz, and 200GHz ITU grid spacing
- Impressive bandpass characteristics minimize bandwidth loss
- Stable thermal characteristics deliver predictable device performance

APPLICATIONS

- Metro and high-end access
- Network reconfiguration implementations





Zenastra, headquartered in
Ottawa, Canada, is a fast-moving
start-up at the forefront of one
of the high tech industry's hottest
sectors – integrated optical circuits.
Zenastra designs, manufactures,
markets and supports integrated
optical components and sub-systems
for the high performance networking
equipment that powers the optical
Internet. We have developed
a unique process that enables us
to gain advantage and leadership
in this booming global market.

PRELIMINARY SPECIFICATIONS

Specification		Unit
OADM100	OADM400	
1525 – 1565		nm
100	400	GHz
60	340	GHz
< 2		dB
< 2		dB
> 25		dB
> 35		dB
> 25	> 20	dB
< 0.5		dB
< 3		W
0 to +70		°C
-40 to +85		°C
1		m
128 x 2	6 x 20	mm
	OADM100 1525 - 100 60 <	OADM100 OADM400 1525 - 1565 100 400 60 340 < 2 < 2 > 25 > 35 > 25 > 35 > 25 < 3 0 to +70 -40 to +85

Specifications do not include connectors. All specifications subject to change without notice.



^{*} Customer Specific.