

OPTICAL ADD & DROP MULTIPLEXERS (OADM)



Features

- Low PDL
- Low Insertion Loss
- Excellent Uniformity
- High Directivity
- Highly Stable and Reliable

Applications

- Telecommunications
- Local Area Network (LAN)
- Passive Optical Network (PON)
- Cable TV
- Fiber sensors

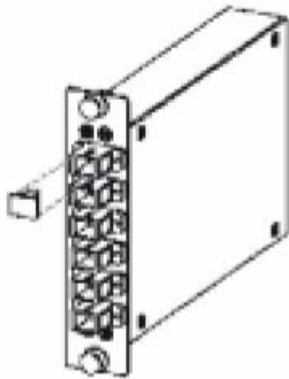
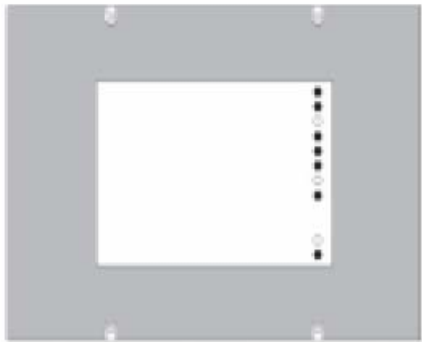
Product Performance Characteristics		
Parameters	2x2	3x3
Central Wavelength (nm)	ITU Grid	
Channel Spacing (nm)	200GHz	
Min. Channel Pass Band @ -0.5 dB	ITU 0.25 nm	
Max. Add/Drop Channel 1 Insertion Loss (dB)	1.5	1.5
Max. Add/Drop Channel 2 Insertion Loss (dB)		2.0
Max. Express Channel Insertion Loss (dB)	0.8	1.6
Max. Pass Band Ripple (dB)	0.5	
Min. Adjacent Channel Isolation (dB)	25	
Min. Non-adjacent Channel Isolation (dB)	40	
Min. Express Channel Isolation (dB)	12	
Min. Directivity (dB)	50	
Min. Return Loss (dB)	45	
Max. PDL (dB)	0.2	
Max. PMD (ps)	0.1	
Power Handling (Max.)	300mW	
Operation Temperature	- 5°C ~ 65°C	

Special dimension upon request

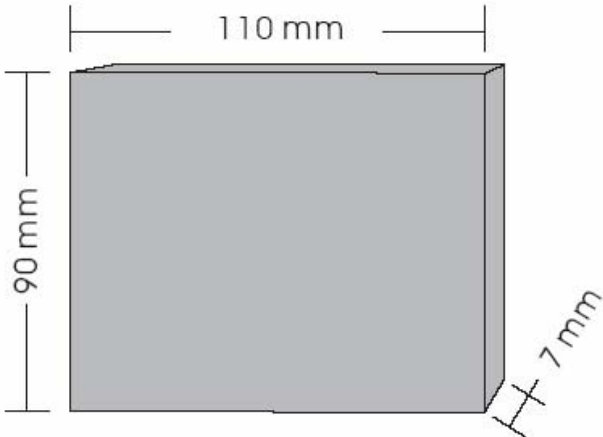
Mechanical Outline

Package type	Housing type	Dimension	Pigtail style
Type R	Ruggedized plastic housing	110 mm (L) x 90 mm (W) x 7 mm (H)	900µm loose buffered fiber
Type G	LGX compatible module	See below	Output port is adapter

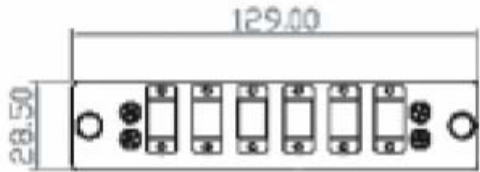
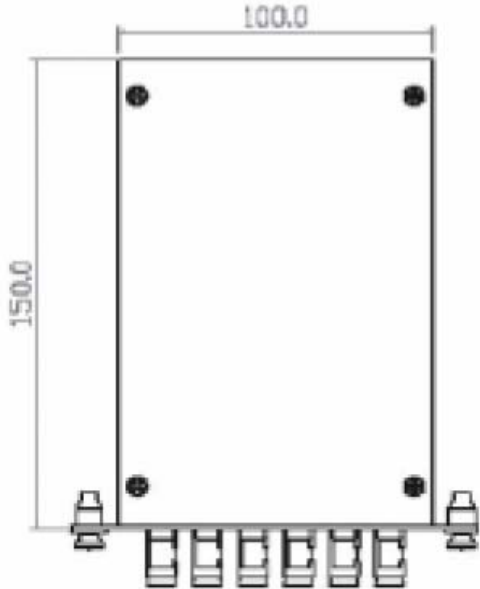
The dimension of type G package will depend on output port number, below LGX compatible housing is just for reference.
 We also provide LGX compatible chassis, please see our chassis specification.



Type G: LGX compatible Housing with adapter output

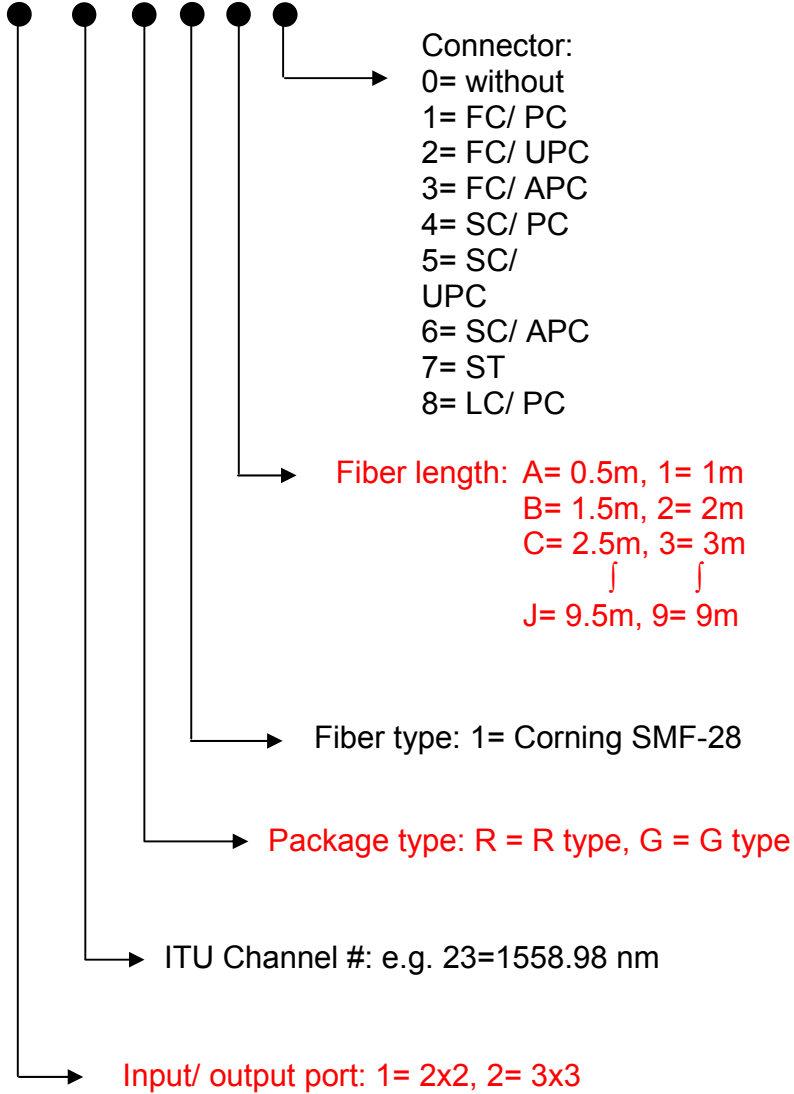


Type R: Ruggedized plastic housing with 900 µ Loose buffered fiber
 110mm (L) x 90mm (W) x 7mm (H)



Ordering information

OADM-X-XX-X-X-X-X-UM



Rev A 2006-04-05

RAYCORE Fiber Optic Solutions AB

Postal address:
PO. Box 2022
SE-131 02 Nacka - Stockholm
SWEDEN

Visiting address:
Vattenverksvägen 8
131 41 Nacka - Stockholm
SWEDEN

Contact details:
Phone: +46 (0)8 618 72 05
Fax: +46 (0)8 618 72 09
E-mail: sales@raycore-fos.com