



## COAD-1/2-DS



Dual Fiber, Dual sided CWDM Add and Drop Multiplexer



### Product Description

The COAD-1/2-DS is a fully passive modular CWDM, Dual Fiber, Dual Side, 1 or 2 channel Add Drop Multiplexer (OADM) unit for fiber optimization. The dual sided OADM is a single unit for Bi-Directional Optical Ring Switching Applications. The unit does not require electrical power and configuration effort. The units can also be used as a 1 or 2 channel CWDM Mux/Demux unit with Service Channel support by use of the Express port. The dual slot 1U high chassis can be equipped with up to two modular units.

Opticonnects passive modular systems are ideal for fiber optimization in combination with our modular media converter series and WDM pluggable optics.

### Features

- Low Insertion loss
- Wide Pass Band
- High Channel Isolation
- High Stability and Reliability
- Epoxy Free Optical Path

### Applications

- WDM Network
- Telecommunication
- Metro Network
- Access System

For more information please contact:

tel: +31 79 73 70 152

email: [sales@opticonnect.eu](mailto:sales@opticonnect.eu)

*Opticonnect SYSTEMS B.V., an Optical Networking vendor with its headquarters in the Netherlands, provides Optical Transport solutions and Optical Transceivers at the best price performance ratio possible. Our goal is to simplify the planning, deployment and maintenance of complex Optical Networks. This is achieved by our user friendly planning apps and information, sophisticated products and transparent support. Relying on our superior product quality, all items are supplied with life time warranty.*

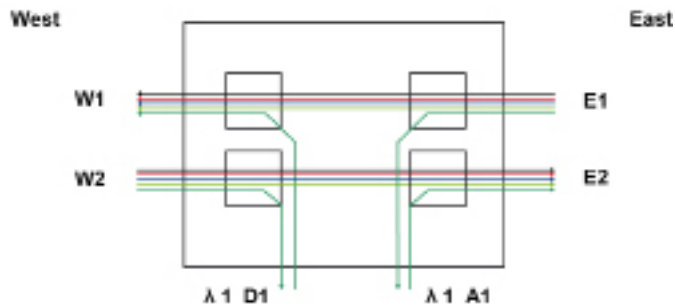


Order Information:

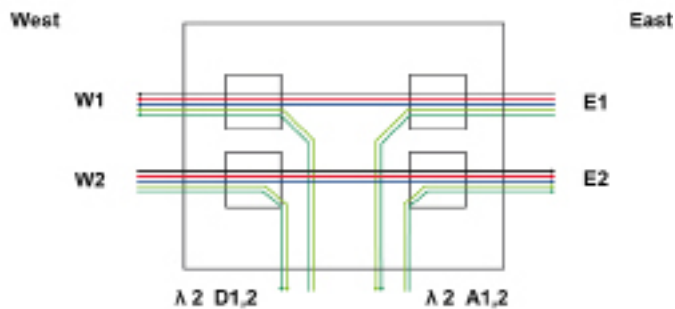
Productcode	Product description
COAD-1xx-DS COAD-1xx-DSM	CWDM Dual Fiber, Dual sided, 1 Channel OADM Module, in a 1U 19" chassis, LC/UPC Connectors, Channel 1470 ~ 1610, xx= Channel CWDM Dual Fiber, Dual sided, 1 Channel OADM Module, Module only, LC/UPC Connectors, Channel 1470 ~ 1610, xx= Channel
COAD-2xx -DS COAD-2xx -DSM	CWDM Dual Fiber, Dual sided, 2 Channel OADM Module, in a 1U 19" chassis, LC/UPC Connectors, Channel 1470 ~ 1590, xx= First Channel CWDM Dual Fiber, Dual sided, 2 Channel OADM Module, Module only, LC/UPC Connectors, Channel 1470 ~ 1590, xx= First Channel

Function:

COAD-1xx-DS(M) (xx is the wavelength)



COAD-2xx-DS(M) (xx is the wavelength of the first Channel)





Parameter		OADM	
Product Code		COAD-1xx-DS(M)	DOAD-2xx-DS(M)
Operating Wavelength		1470~1610nm	
Wavelength Number		1	2
Center Wavelength Accuracy		±0.5nm	
Bandwidth @ -0.5dB		≥ 14	
Insertion Loss	Port A1 to W1, A2 to E2	≤0.6dB	≤1.0dB
	Port E1 to D1, W2 to D2	≤0.6dB	≤1.0dB
	Port E1 to W1, W2 to E2	≤0.7dB	≤1.3dB
Directivity		≥ 50dB	
Return Loss		≥ 45dB	
Adjacent Channel Isolation		≥ 30dB	
Non-Adjacent Channel Isolation		≥ 40dB	
Polarization Dependent Loss		≤0.1 dB	
Temperature Dependent Loss		≤0.15 dB	≤0.20 dB
Optical Power Handling		≥ 300mW	
Operating Temperature		0 to +65°C	
Storage Temperature		-40 to +85°C	
Fiber Type/length		SMF-28e, 1+/-0.1m	
Connector Type		LC/UPC	
Packaging Dimension		19inch 1U Chassis, 429x232x43.6mm	

Note: All Parameters are excluding connectors.



Opticonnect

Passive OADM Series



**COAD-02-SS**