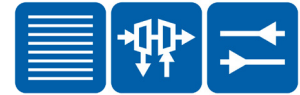


DOAD-04/08-SS

Dual Fiber, Single sided 100Ghz DWDM
Add and Drop Multiplexer



■ DOAD-04-SS



■ DOAD-08-SS

Product description

The DOAD-4/8-SS is a fully passive modular DWDM, Dual Fiber, Single Side, 4 or 8 channel Add Drop Multiplexer (OADM) unit for fiber optimization. The unit does not require electrical power and configuration effort. The units can also be used as a 4 or 8 channel DWDM 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 Networks
- Telecommunication
- Metro Network
- Access System



All product specifications are subject to change without notice to improve reliability, function or design or otherwise.

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

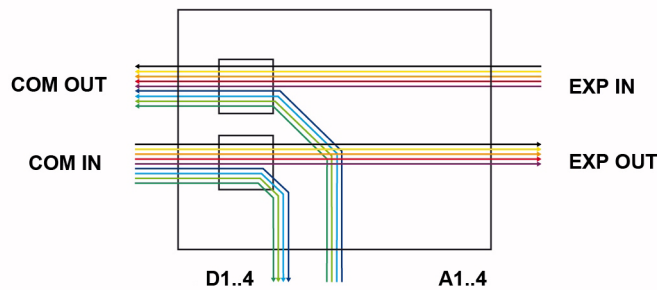
complex Optical Networks. This is achieved by our user friendly planning apps and information, sophisticated products and transparent support. Relying on our superior product quality, all items are supplied with life time warranty.

Ordering information

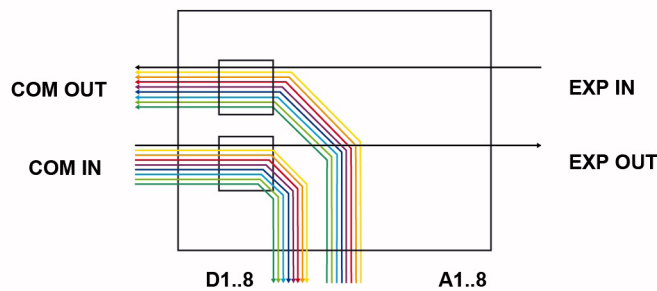
Partnumber	Description
DOAD-04-SS	DWDM Dual Fiber, Single sided, 8 Channel OADM Module, in a 1U 19" chassis, LC/UPC Connectors, Channel First 31 ~ 34
DOAD-04-SSM	DWDM Dual Fiber, Single sided, 4 Channel OADM Module, Module only, LC/UPC Connectors, Channel 31 ~ 34
DOAD-08-SS	DWDM Dual Fiber, Single sided, 8 Channel OADM Module, in a 1U 19" chassis, LC/UPC Connectors, Channel 29 ~ 36
DOAD-08-SSM	DWDM Dual Fiber, Single sided, 8 Channel OADM Module, Module only, LC/UPC Connectors, Chnnel 29 ~ 36

Function

DOAD-04-SS(M)



DOAD-08-SS(M)



Performance specifications

Parameter		Specification	
Product code		DOAD-04-SS(M)	DOAD-08-SS(M)
Channel Wavelength (nm)		ITU 100 GHz Grid	
Center Wavelength Accuracy (nm)		±0.05	
Minimum Channel Spacing (GHz)		100	
Channel Passband (@-0.5dB bandwidth) (nm)		>0.23	
Insertion Loss (dB)	COM-> DWDM Port	1.8	3.2
	COM-> Exp Port	1.2	2.4
Channel Uniformity(dB)		0.6	1.0
Ripple(dB)		<0.3	
Isolation (dB)	EXP Port	12	
	Adjacent	28	
	Non-adjacent	40	
Insertion Loss Temperature Sensitivity (dB/°C)		<0.005	
Wavelength Temperature Shifting(nm/°C)		<0.002	
Polarization Dependent Loss (dB)		<0.15	
Directivity (dB)		>50	
Return Loss (dB)		>45	
Power Handling (mW)		300	
Operating Temperature (°C)		-10 ~ +70	
Storage Temperature (°C)		-40 ~ +85	
Package Dimension		19inch 1U Chassis, 429x232x43.6mm	



■ DOAD-04-SS



■ DOAD-08-SS