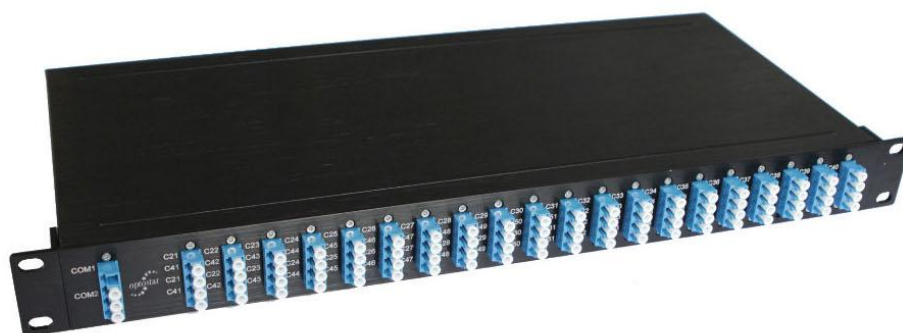




100GHz/200GHz DWDM Module in 1U Rackmount



Shenzhen Optostar Optoelectronics Co., Ltd

2013. 05 (Version 2)

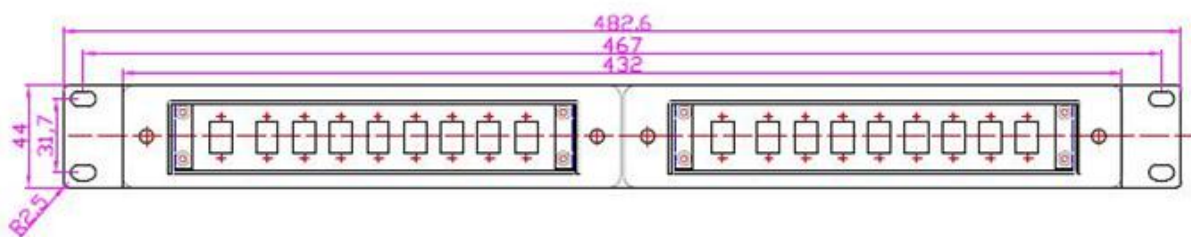
Overview

OPTOSTAR' 100GHz/200 GHz dense wavelength division multiplexer (DWDM module) utilizes thin film coating technology and proprietary design of non-flux metal bonding micro optics packaging to achieve optical add and drop at the ITU wavelengths. It provides ITU channel center wavelength, low insertion loss, high channel isolation, wide pass band, low temperature sensitivity and epoxy free optical path . It can be used for wavelength add/drop in telecommunication network system.

Product Features

- Low Insertion Loss
- Wide pass band
- High channel
- High stability and reliability
- Epoxy free on optical path

Package Dimension



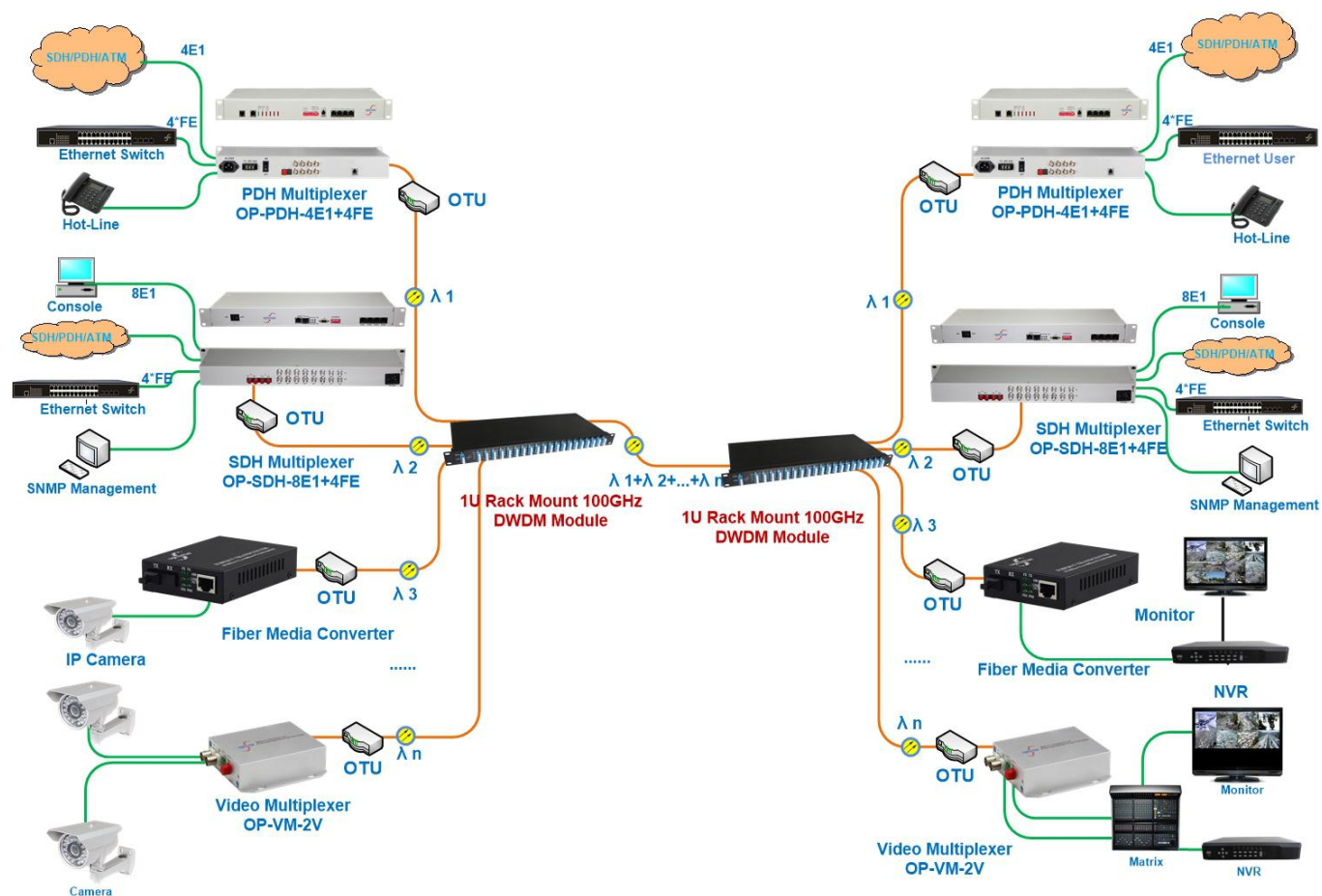
Technical Parameter

Parameter		4 Channel		8 Channel		16 Channel	
		Mux	Demux	Mux	Demux	Mux	Demux
Channel Wavelength（nm）		ITU Grid					
Channel Spacing (GHz)		100 / 200					
Channel Passband (@-0.5dB bandwidth (nm)		>0.3					
Insertion Loss (dB)		≤1.8		≤3.0		≤4.5	
Channel Uniformity (dB)		≤0.6		≤1.0		≤1.5	
Channel Ripple (dB)		0.3					
Isolation（dB）	Adjacent	N/A	>30	N/A	>30	N/A	>30
	Non-adjacent	N/A	>40	N/A	>40	N/A	>40
Inertion Loss Temperature Sensitivity (dB/℃)		<0.005					
Wavelength Temperature Shifting (nm/℃)		<0.002					
Polarization Dependent Loss (dB)		<0.1		<0.1		<0.15	
Polarization Mode Dispersion（ps）		<0.1					
Directivity (dB)		>50					
Return Loss（dB）		>45					
Maximum Power Handling (mW)		300					
Operotating Temperature（℃）		-5~+75					
Storage Temperature（℃）		-40~+85					
Package dimension (mm)		L432（482.6）xW250*H44 or Specify					

1、Above specifications are for devices without connector.

2、Specifications may change without notice.

Application



- Channel Add/Drop
- DWDM Network
- Wavelength Routing
- Fiber Optical Amplifier
- CATV Fiberoptic System

Order Information

Description
100GHz/200GHz DWDM Module in 1U Rackmount
Note: Channel Spacing: 100GHz, 200GHz Channels: 4 Channel, 8 Channel, 16 Channel Configuration: Mux, Demux Fiber Type: Bare fiber, 900um loose tube, 2mm Cable, 3mm Cable Fiber Length: 1m, 2m Connector: None, FC/APC, FC/PC, SC/APC, SC/PC, LC, ST 1st Channel: CH21, CH22, CH23, CH24, CH25, CH26, CH27, CH28, CH29, CH30, CH31, CH32, CH33, CH34, CH35, CH36, CH37, CH38, CH39, CH40, CH41, CH42, CH43, CH44, CH45, CH46, CH47, CH48, CH49, CH50, CH51, CH52, CH53, CH54, CH55, CH56, CH57, CH58, CH59, CH60, CH61

Important Notice

Performance figures, data and any illustrative material provided in this data sheet are typical and must be specifically confirmed in writing by OPTOSTAR before they become applicable to any particular order or contract. In accordance with the OPTOSTAR policy of continuous improvement specifications may change without notice.

The publication of information in this data sheet does not imply freedom from patent or other protective rights of OPTOSTAR or others. Further details are available from any OPTOSTAR sales representative.

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