

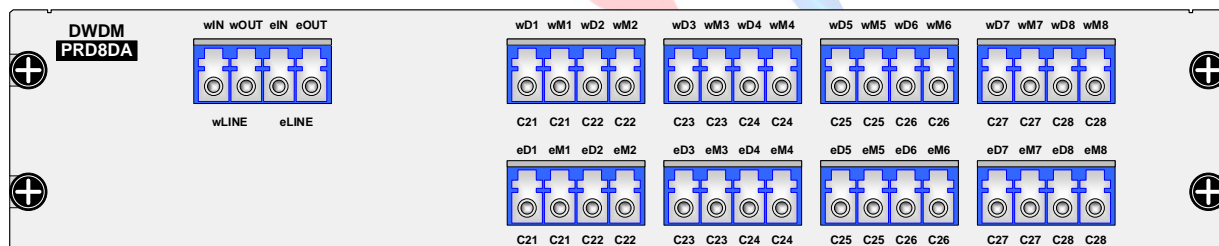
DWDM Add and Drop Mux Demux

The DWDM add-and-drop multiplexer card launched by Sintai Communication Co., Ltd is generally used in the intermediate nodes of chain or ring type network, which can selectively receive and transmit or upload and download some wavelength division channels from the transmission signal without affecting the transmission of other channels. The single DWDM OADM multiplexer card supports up to 8 channels' add-drop separately on two different directions

Product Feature

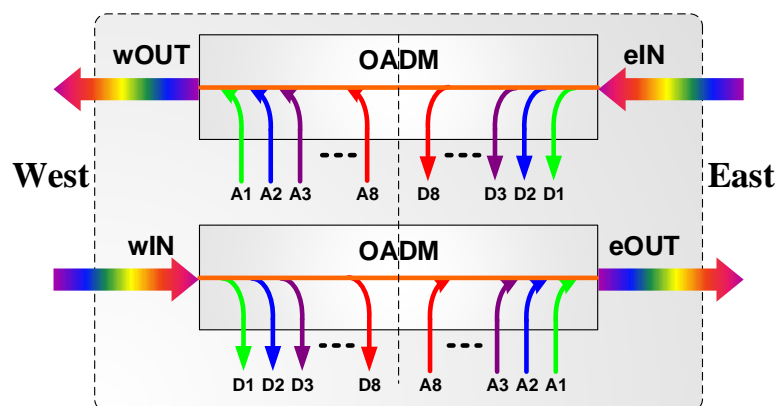
- High isolation, low insertion loss, high reliability and stability, meet GR-1221 standard
- Supports 4 ~ 48 wave customizable
- Support CWDM and DWDM (100GHz or 50GHz) applications
- Opening is convenient, without power supply, without setting up the working environment
- No energy consumption, meet environmental requirements, not increase the machine room load
- No need to debug, no network management necessary, achieve zero maintenance
- Transparent transmission is not related to the speed, format, content and applicability of the business
- OPC1600 passive chassis is supported to fit the mounting of the frame
- Module structure, reusable, long service life

Product Diagram



8 channels DWDM OADM card (dual fiber bidirectional)

Functional Structure



Product Specification

Number of channels	1	2	4	8
Occupied slot number	1	1	1	2
Wavelength range	DWDM: C Band, 100 GHZ or 50 GHZ			
Insertion loss	< 1 dB	< 1.5 dB	< 2.5 dB	< 3.5 dB
Isolation ratio of adjacent channels	> 30 dB	> 30 dB	> 30 dB	> 30 dB
Isolation ratio of non-adjacent channels	> 40 dB	> 40 dB	> 40 dB	> 40 dB
Return loss	> 45 dB	> 45 dB	> 45 dB	> 45 dB
Direction	> 50 dB	> 50 dB	> 50 dB	> 50 dB
Interface type	All interfaces are LC type			
Work temperature	-40~85°C			
Storage temperature	-40~85°C			

