

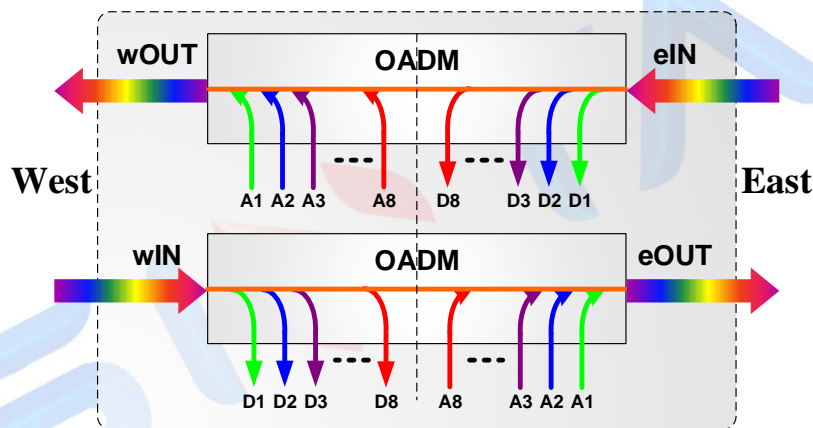
CWDM Add and Drop Mux Demux

The add-drop multiplexing passive wavelength division 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 CWDM add-and-drop multiplexer card supports up to 8 channels' add-drop separately on two different directions.

Product Diagram



Functional Structure



Product Specification

Number of channels	1	2	4	8
Occupied slot number	1	1	1	2
Wavelength range	CWDM:1271nm to 1611nm			
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			