

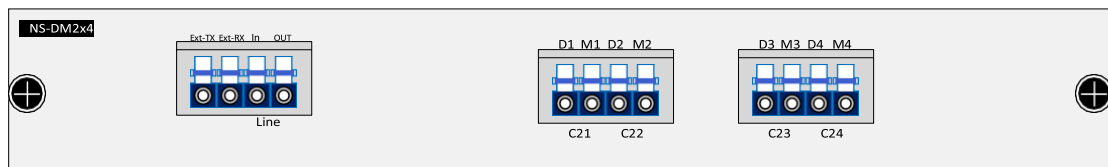
NS-DM2xX: Dual fiber bidirectional DWDM board

The dual fiber bidirectional passive wavelength division board has two built-in modules on one single board: wavelength division multiplexer and de-multiplexer. The single board supports 2-16 channels bidirectional transmission on the dual optical fibers, and supports multiple specifications of DWDM.

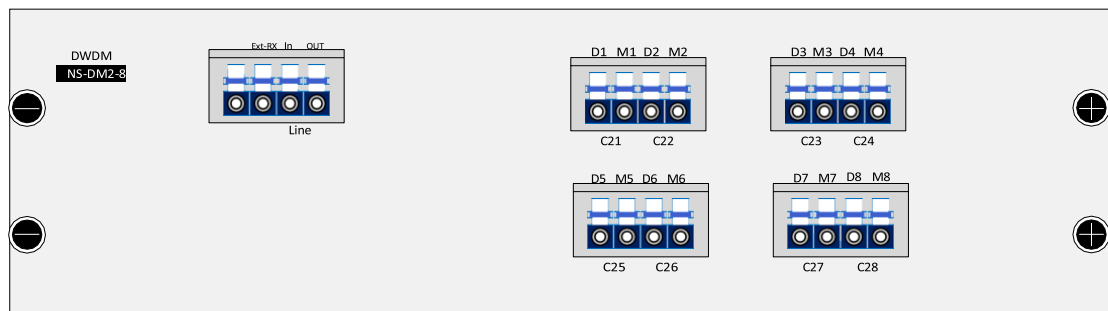
Product diagram



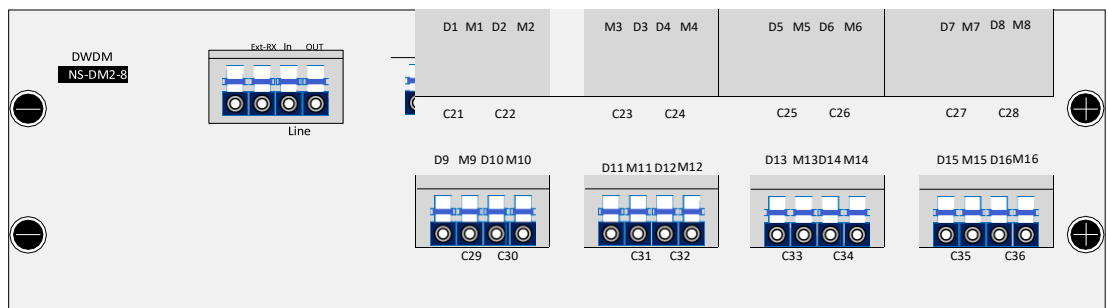
2 channels dual fiber bidirectional multiplexer/de-multiplexer board



4 channels dual fiber bidirectional multiplexer/de-multiplexer board

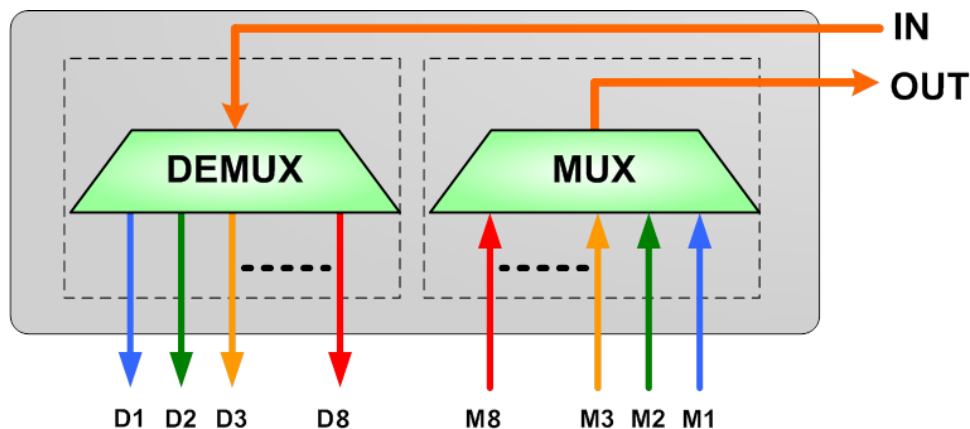


8 channels dual fiber bidirectional multiplexer/de-multiplexer board



16 channels dual fiber bidirectional multiplexer/de-multiplexer board

Functional structure



Product specification

Number of channels	2	4	8	16
Occupied slot number	1	1	2	2
Wavelength range	DWDM:C Band, 100 GHZ or 50 GHZ			
Insertion loss	< 1 dB	< 1,5 dB	< 2,8 dB	< 3.5 dB
Isolation ratio of adjacent channels	> 30dB			
Isolation ratio of non-adjacent channels	> 40 dB			
Return loss	> 45dB			
Direction	> 50dB			
Interface type	All interfaces are LC type			
Work temperature	-40~85°C			
Storage temperature	-40~85°C			