



# CWMD-180

1U Rack Mount, LC/UPC

The CWMD-180 is 18 channel Dual Fiber CWDM MUX/DEMUX, 1U Rack Mount design for CWDM wavelengths from 1271nm to 1611nm. When fiber availability is limited, the CWMD-180 CWDM Mux/Demux can increase the bandwidth on the existing fiber infrastructure. By using 18ch CWDM Mux Demux, up to 180 Gbps could be supported on a fiber pair. The 18 channel MUX/DEMUX rack provides the primary wave division and combination functions for CWDM. Line side wave lengths require translation to client side equipment via a transponder card or direct connection to CWDM wavelength SFP modules.

## Features

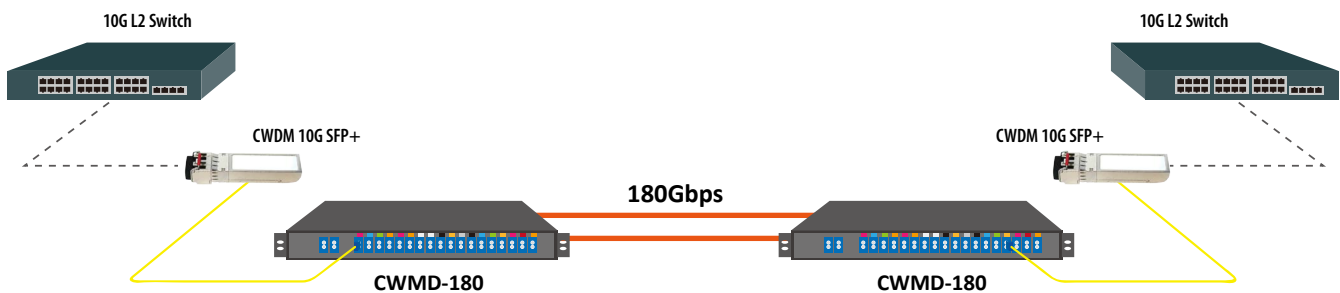
- Full native mode performance
- Optical connectors
- Passive model requires no power
- Protocol transparent, no limitation
- Utilizes industry standard ITU CWDM wavelength

## Specifications

<b>Number of Channels</b>	18
<b>Wavelength</b>	1271-1611nm
<b>Channel Spacing</b>	20nm
<b>Technology</b>	Thin-Film Filter
<b>Special Port</b>	Monitor Port
<b>Connectors</b>	Duplex LC/UPC
<b>Insertion Loss</b>	< 4.9 dB
<b>Return Loss</b>	> 45 dB
<b>Operating Temperature</b>	-10°C ~ +70°C

<b>Storage Temperature</b>	-40°C ~ +80°C
<b>Housing</b>	1RU Rack Mount Chassis
<b>Dimensions</b>	485mm x 245mm x 44mm (L X D X H)

## Application



## Ordering Information

Model Name	Description
CWMD-180	18-Ch CWDM Mux/Demux (1271 ~ 1611nm), LC/UPC
CWMD-181	18-Ch CWDM Mux/Demux (1271 ~ 1611nm) with Monitor port, LC/UPC