

**NEW**



## 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

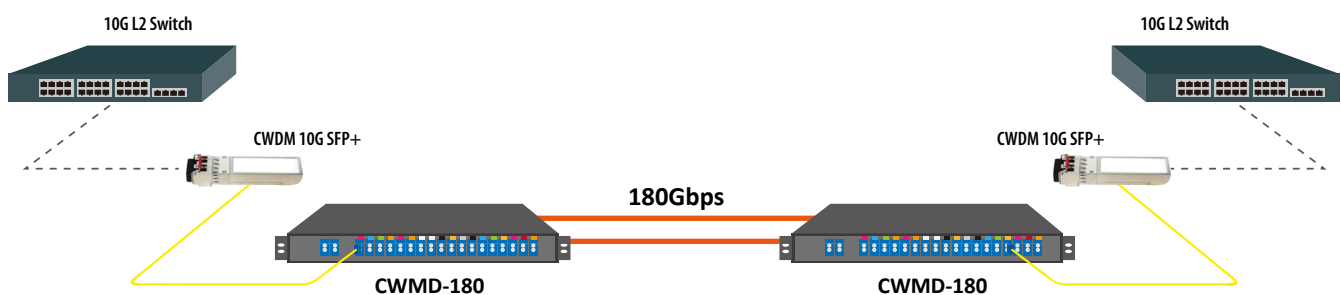
- Full native mode performance
- Optical connectors
- Passive model requires no power
- Protocol transparent, no limitation
- Utilizes industry standard ITU CWDM wavelength

### Specifications

<b>Number of Channels</b>	18
<b>Wavelength</b>	1270-1610nm
<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>	212mm x 44mm x 267.3mm (L X H X D)

### Application



### Ordering Information

Model Name	Description
CWMD-180	18-Ch CWDM Mux/Demux (1270 ~ 1610nm), LC/UPC
CWMD-181	18-ch CWDM Mux/Demux (1270 ~ 1610nm) with Monitor port, LC/UPC

**NEW**



## MXP-8G1E

### 8x 1GE Muxponder

The MXP-8G1E is a 8x 1GE to 10GE Muxponder. Based on TDM technology, the Muxponder transports eight separate Gigabit Ethernet data streams into a 10 Gbps SFP+ Based trunk port. This solution provides significant cost reduction and excellent fiber utilization when compared to CWDM optical multiplexing. The MXP-8G1E incorporates 8 SFP based access interfaces that can accommodate various types of SFP. Such as Multi-mode, Single mode and 1Gbps copper SFPs. The trunk port is a SFP+ 10Gbps permitting flexible connectivity options between the Muxponders either in a WDM system or directly between two devices. The MXP-8G1E is manageable with local RS-232 console port or remotely by Telnet, SNMP, or GUI management as well as using the CTC SmartView EMS management platform.

### Features

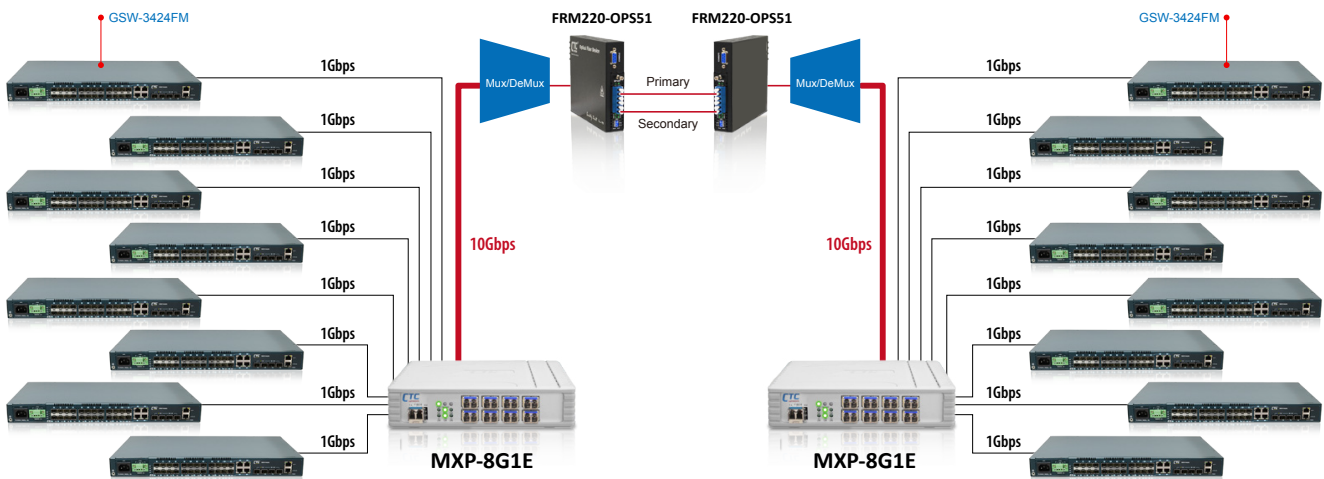
- 10 Gbps trunk port rate
- Flexible connectivity options
- Remotely activated Local or Remote Loopback
- SFP+ Digital Diagnostics monitoring
- Hot swappable

### Specifications

<b>Access Data Rate</b>	1G Ethernet
<b>Trunk Data Rate</b>	10G Ethernet
<b>Optical parameters</b>	1G SFP/ 10G SFP+
<b>Operating Temperature</b>	0 ~ 50°C
<b>Storage Temperature</b>	-10 ~ 80°C
<b>Relative Humidity</b>	10 ~ 90% non-condensing

<b>Dimension (D x W x H)</b>	201 x 135 x 35mm
<b>Weight</b>	580g
<b>Connectors</b>	8x SFP-LC & 1x SFP+ LC
<b>Storage Temperature</b>	-40°C ~ +80°C
<b>Power Consumption</b>	12W

### Application



### Ordering Information

Model Name	Description
MXP-8G1E-AC/DC/AD	8x GE (SFP) to 10G (SFP+) Muxponder, optional SFP and SFP+ and built-in AC, DC, AC+DC power