

NEW



MP-8G1X

8x 1GE Muxponder

The MP-8G1X is a 8x 1GE to 10G Muxponder. Based on TDM technology, the Muxponder transports eight separate Gigabit Ethernet data streams into a 10 Gbps SFP+ Based trunk port with 1- to-2 protection mode. This solution provides significant cost reduction and excellent fiber utilization when compared to CWDM optical multiplexing. The MP-8G1X 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

- Aggregate up to 8x 1GbE over 10 Gbps trunk port
- Flexible connectivity options
- Remotely activated Local or Remote Loopback
- SFP+ Digital Diagnostics monitoring
- Dual line ports enabling Optical line protected configuration
- In Band Management
- SNMP, Web, Console and Telnet Management

Specifications

Access Data Rate	1G Ethernet	Protection Transition	< 50ms
Trunk Data Rate	10G bps (Proprietary)	Dimension (D x W x H)	201 x 135 x 35mm
Optical parameters	1G SFP/ 10G SFP+	Weight	580g
Operating Temperature	0 ~ 50°C	Connectors	8x SFP-LC & 2x SFP+ LC
Storage Temperature	-10 ~ 80°C	Storage Temperature	-40°C ~ +80°C
Relative Humidity	10 ~ 90% non-condensing	Power Consumption	12W

Application



Ordering Information

Model Name	Description
MXP-8G1X-AC/DC/AD	8x GE (SFP) to 10G (SFP+) Muxponder, optional SFP and SFP+ and built-in AC, DC, AC+DC power