



# SML01-MX210

## 2x Gigabit Ethernet Multiplexer

SML01-MX210 is 2-port Gigabit Ethernet Multiplexer which aggregates two wire-speed Gigabit Ethernet services into one 2.5G uplink, reducing the conversion CAPEX and increasing the fiber utilization effectively. The Multiplexer can be used either in point-to-point topology functioning as a media converter for transporting 2 Gigabit Ethernet services over one fiber or in CWDM system working as a wavelength converter for extending the system's transmission capacity doubly. SML01-MX210 is equipped with one 10/100/1000M RJ-45 network management port and three SFP based ports: two Gigabit Ethernet service ports and one 2.5G uplink port, enabling a flexible application as required and realizing a cost effective remote management. Additionally its advanced features such as downlink and uplink loop back, auto laser shutdown and remote network management provide carriers a flexible, reliable and cost-effective two Gigabit Ethernet over one wavelength conversion solution.

### Features

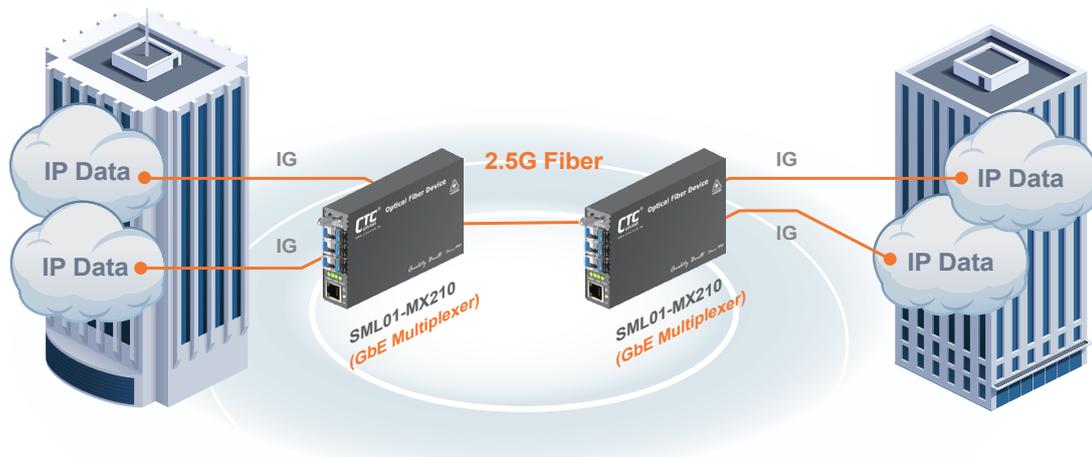
- Local configuration via DB9 craft port in stand-alone (CH01M)
- Forward 9K bytes Jumbo Packets
- Transports two Gigabit Ethernet over one wavelength doubling the CWDM system transmission capacity
- Facility loopback on both Line / client sides
- Auto Laser Shutdown (ALS)
- Hot-swappable SFP module
- Detect transceiver error Alarm
- 10/100/1000M Network management port
- Supports Q in Q double tagged frame transparent
- Supports IEEE 802.1Q Tagging and Port based VLAN
- Supports IEEE 802.1D STP
- Default port and 802.1Q tag priority QoS

### Specifications

Optical Interface	Port1/Port2	100Base-FX, 1000Base-X or 2500Base-X
Electrical Interface	Port3	100Base-FX or 1000Base-X
	Port4	RJ45
		10/100/1000Base-T MDI/MDIX auto crossover IEEE802.3x flow control
Standards	IEEE 802.3, 802.3u, 802.3z, 802.3ab	
LEDs	PWR, Link (Port1, Port2, Port3) Port4: Link/Speed	

Power	AC, DC (Option)
Power Consumption	< 10W
Dimensions	155 x 88 x 23mm (D x W x H)
Weight	120g
Temperature	0 ~ 50°C (Operating) , 0 ~ 70°C (Storage)
Humidity	5 ~ 90% non-condensing
Certification	CE, FCC, RoHS compliant
MTBF	65,000 hrs

### Application



### Ordering Information

Model Name	Description
SML01-MX210-AC, DC, AD	Console management, standalone 2-port GE mux with AC, DC or AD (AC+DC) Power
SML01-MX210-NM-AC, DC, AD	SNMP management, standalone 2-port GE mux with AC, DC or AD (AC+DC) Power

Note: SML01-MX210-AC/DC/AD = (FRM220-MX210) + (CH01M-AC, DC or AD)  
 SML01-MX210-NM-AC/DC/AD = (FRM220-MX210) + (CH02/SNMP-AC, DC or AD)

Power Type  
**SML01-MX210**     
 Example: SML01-MX210 - AD