

### H9MO – LMA

### STM-1 Multi-service ADM MUX



#### Overview

The H9MO-LMA is derived form the card-based H9MO-LMFIT to provide a more cost effective solution. It is of single board design with fixed number of interface ports. As an ADM MUX, it has two STM-1 fiber optic ports, and a set of service ports. According to the number of service ports, the H9MO-LMA comes in different models, as shown in below table.

Model	STM-1 optical Ports	E1 Ports	Ethernet Ports	V.35 Ports
H9MO-LMA841	2	8	4	1
H9MO-LMA840	2	8	4	0
H9MO-LMA441	2	4	4	1
H9MO-LMA440	2	4	4	0
H9MO-LMA400	2	4	0	0

#### Features

- 1. ADM, suitable for ring and linear topologies
- 2. Supports MSP and SNCP protection switching
- 3. Flexible options for the STM-1 fiber optic interface, including single fiber duplex, as well as different power and wavelength choices.
- 4. Multi-Service, including E1, FE, V.35
- 5. Standard based GFP/VC-12 VCAT EoS
- 6. Built-in BERT and loop-back capabilities
- 7. Framed and unframed V.35
- 8. Remote AC power failure alarm
- 9. Standard 19 inch 1RU box, compact, lightweight, low power consumption
- 10. Dual mode power supply, -48V DC or 100~240V AC field selectable
- 11. RoHS compliant
- 12. Large cross-connect matrix capatity is 252x252 VC-12s (4x4 VC-4s) and powerfull networking ability



# **■** Technical Specifications

Bit rate:	155520kbit/s ± 4.6ppm						
Line code:	Scrambled NRZ						
Wavelength:	Default:	1310nm	Option /5:	1550nm			
Connector:	Default:	SC	Option /F:	FC			
Fiber Spec.	S-1.1, L-1.1, L-1.2 Single fiber bi-directional interface can be optionally supported						
E1 Port							
Bit rate:	2.048 Mbps ± 50 ppm	2.048 Mbps ± 50 ppm					
Line code:	HDB3	HDB3					
Impedance:	Default: 75Ω Option /T: 120Ω						
Frame Structure:	Non-framed	Non-framed					
Number of ports:	H9MO-LMA840: 8	H9MO-LMA840: 8					
V.35 Port							
Bit rate:	Nx64kbps ± 50 ppm, N≤3	Nx64kbps ± 50 ppm, N≤31					
Frame Structure:	G.704 or unframed	G.704 or unframed					
Interface mode:	DCE or DTE						
Number of ports:	1	1					
Ethernet Port							
Interface mode:	10Base-T/100Base-T, Half/Full duplex, auto-negotiation, HP auto-MDIX						
Trunk port:	NxVC-12 N≤63, GFP						
Number of ports:	4						
Management Port							
Ethernet:	RJ45, 10Base-T, MDI port						
Others:	DCC, E1(VC-12)						
Timing							
Internal, STM-1 Line, E1	tributary line						
Mechanical/Electric	al						
Dimension:	44mm x 138mm x 440mm	n (H/D/W)	Working temp:	0 ~ 50°C			
Net weight:	2kg	,	Humidity:	0-95%RH (non-condensing			
			·	, , ,			

# Application

100 ~ 240 V, 50/60Hz

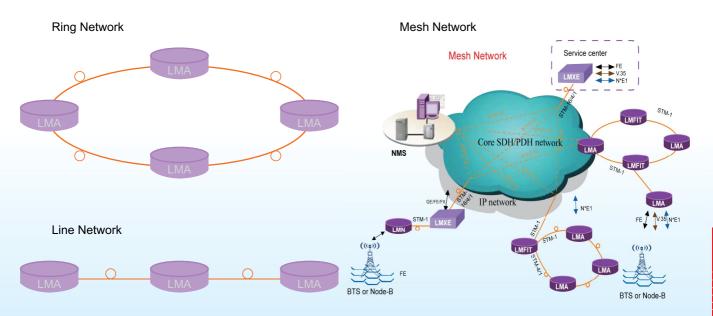
-48 V (-58V ~ -38V)

≤ 10W

Power (AC):

Power (DC):

Consumption:



Ethernet socket:

V.35 socket:

E1 socket:

RJ-45

DB25

RJ48



### Typical Application

