H9MO-LMC
SDH/MSTP Multiplexer

› Overview

H9MO-LMC is a carrier-class, cost-effective, compact (only 1U high) SDH/MSTP platform that is designed for applications in metro and access networks to facilitate the efficient transport of traditional TDM and emerging data traffic for service providers. It can provide 16E1 TDM interfaces and 1 physical slot that can be inserted with 4E1/8E1/2Ethernet/4Etherent/2V.35 service card in only 1U standard 19" box. H9MO-LMC is best suitable for point-to-point network or standard SDH TM node. Working together with other SDH/MSTP family member such as H9MO-LMFIT, it can support various network topologies such as point-to-point, chain, ring, hub, and mesh networks.

› Features

1. 1U box SDH/MSPP with 1 optical interfaces and 16E1 interface and one flexible card
2. One flexible physical slot can be inserted with various service card
3. Flexible cards support 4E1/8E1/2Ethernet/4Etherent/2V.35 cards
4. Optical interface supports ALS (Auto Laser Shutdown) function
5. Inter-working with popular SDH/MSPP products of various vendors
6. SDH/MSPP core, PDH price
7. Easy commissioning and maintenance
8. High integration, compact design
9. High reliability, low CAPEX and OPEX

SDH/MSTP multiplexer

Technical Specifications

Index		Performance Parameter
SDH Interface	Max	1 STM-1 optical interface
	Connector	SC/PC
	Spec.	S-1.1, L-1.1, L-1.2
		Single fiber bi-directional interface can be optionally supported
PDH interface	E1 Spec.	Comply with G.703, 2.048Mbps, HDB3
	Ma × E1	16E1+ 8E1
Data	RS485	Asynchronous RS485 data
Service card (1 physical slot)	F4 × E1	4XE1 interface card (75Ω)
	F8 × E1	4XE1 interface card (75Ω or 120Ω)
	FFE201	2XFE interface card (2FEs over a single virtual concatenation channel) ITU-T G.7041 GFP
	FFE404	4XFE interface card (4FEs over 4 independent virtual concatenation channels) ITU-T G.7041 GFP
	F2 × V.35	2XV.35 framed interface card (NX64K)
Management	Protocol	SNMP
	Interface	10Base-T, MDI,
EOW interface		Standard socket: 4P4C
Physical Dimension		1U: 440 × 44 × 230 (mm)
Power	Supply	-48V DC or 220V (110V) AC or dual power supply +24VDC
	Consumption	≤15 w
Environment	Temperature	0°C ~ 50°C
	Humidity	≤ 90 %

Typical Application