



Overview

As a key member of Huahuan “MetroEdge-Express” SDH/MSPP Product family, H9MO-LMC is a carrier-class, cost-effective, compact (only 1U high) SDH/MSPP 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/4Ethernet/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 “MetroEdge-Express” 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/4Ethernet/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

Technical Specification

| 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 |
| | Max E1 | 16E1 + 8E1 |
| Data | RS485 | Asynchronous RS485 data |
| Service card (1 physical slot) | F4×E1 | 4×E1 interface card (75Ω) |
| | F8×E1 | 8×E1 interface card (75Ω or 120Ω) |
| | FFE201 | 2×FE electrical interface card (EoS) |
| | FFE404 | 4×FE electrical interface card (EoS) |
| | FFx404 | 4×FE optical interface card (EoS) |
| | FFE201E | 2× FE electrical interface card (EoE) |
| | FFE404E | 4× FE electrical interface card (EoE) |
| F2XV35 | 2×V.35 interface card | |
| 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 % |

Application

