

JHA-ME16 Series

16 Slots 2U 19" Managed Rack Mount Chassis

Introduction



JHA-ME16 is specially designed for accommodating chassis-based Media Converters. It is a standard 19-inch 2U height rack-mount chassis which can be suitably mounted in the standard 19-inch rack. The chassis lets you install multiple media converters in an equipment rack together with the network devices for which they provide media conversion. This provides for space saving, and the cabling will look neat. The chassis comes with its own universal AC to DC power supply. For maximum power availability, an optional redundant power supply is available for installation in the chassis.

Fiber optical media converter is the Ethernet transmission media conversion unit which interconverts the electric signals on twisted pair cable of short distance and optical signals of long distance. It is also called fiber to Ethernet converter. Fiber optical media converter generally uses at internet environment where Ethernet cable could not cover and have to use fiber optical cable to extend the transmission distance. Also it is located in internet access solution of MAN broadband.

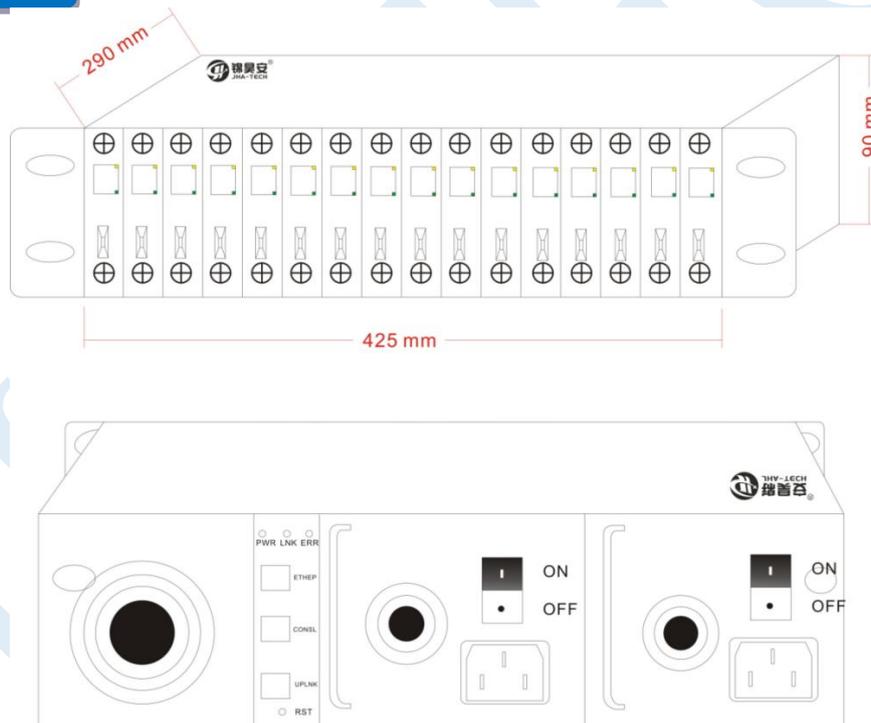
Fiber optical media converter breaks the 100m distance limits of Ethernet electric cable, makes the internet coverage extending to 120KM effectively, bases on high performance dedicated chipset and cache of large capacity to provide non-blocking transmitting performances. In addition, it also provides the function of balancing flow, isolating the conflicts and dedicating errors to ensure the security and stability of data transmission.

Features

- ✧ Network management based on graphical interface (GUI), the software is easy to operate and has a friendly interface, and users of different levels can be set
- ✧ Using centralized management mode, combined with tree-shaped directory, can manage multiple rack devices at the same time in one software interface
- ✧ Introduce group management mode, even if many devices are managed at the same time, any device can be easily operated
- ✧ Provide a master-slave management module, which can cascade 3 sub-racks to manage 128 channels of optoelectronic interfaces. The failure of the management module will not affect the normal operation of other modules.
- ✧ Support graphical and command management based on SNMP, Web, Telnet and Console
- ✧ Console management interface: Users can use Windows HyperTerminal to perform network configuration and set user permissions through the rack serial port
- ✧ Web management: remote access, network configuration and setting permissions through a web browser, can display/control the working status of the remote transceiver
- ✧ SNMP protocol: provides MIB library, integrates SNMP network management software, can set up to 4 TRAP addresses, and select TRAP trigger conditions according to user needs
- ✧ Network management system supports automatic discovery and addition of network devices
- ✧ It can display and configure system information such as rack name, regional information, IP address related information and software and hardware version numbers
- ✧ Can query detailed working status of power supply, transceiver and repeater, display chassis temperature information, and report faults in real time
- ✧ Support SFP/XFP, CWDM SFP/XFP, DWDM SFP/XFP and display SFP/XFP information and digital diagnosis function
- ✧ Support remote power failure detection, and can detect the connection status of the sending fiber through the remote error information sent by the peer
- ✧ Supports the function of failover (LFP), which can quickly locate the faulty link and provide convenience for maintenance personnel
- ✧ Support remote restart, set system restart or single module restart through network management software
- ✧ The transceiver board can be restored to the factory default configuration or DIP switch configuration, and the configuration information is automatically saved after power failure

- ✧ Can query and configure the working mode of local and remote device ports, including connection status, connection rate, port shutdown, LFP, etc.
- ✧ Support Loopback, PRBS packet transmitter for link performance diagnosis and evaluation
- ✧ Support in-band network management, which can easily manage remote devices
- ✧ Have powerful historical street alarm information and log information query and management functions
- ✧ Support FTP (file transfer) protocol, which can easily realize online software upgrade
- ✧ Support the management of boards of different business types on the same platform, the original platform can be upgraded through FTP and compatible with new business boards

Dimension



Specification

Faceplate	16 network management card slot +1 network management board slot
Fan	Redundant fan for cooling
Hot Swappable	Yes for power module, management module and business module
MTBF	≥30,000 hours
Protocol Standard	IEE802.3: CSMA/CD, IEE802.3i: 10Base-T, IEE802.3i: 100Base-T
EMI	Electromagnetic Interference Test
EMC	IEC61000-4-2(ESD) ±8kV(contact) ±15(air) IEC61000-4-3(RS) 10V/m(80MHz~2GHz) IEC61000-4-4(EFT) Power Port: 4kV, Data Port: ±2kV IEC61000-4-5(Surge) Power Port: ±2kV/DM, ±4kV/CM, Data Port: ±2kV IEC61000-4-6(CS) 3V(10kHz~150kHz), 10V(150kHz~80MHz) IEC61000-4-16 (Common Mode Conduction) 30V (Cont), 300V (1S)
Power Supply	Input Power:AC/DC 85V~265V Maximum power consumption: 55W
Working Environment	Working Temperature: -20 ~ 70 °C Operating Humidity: 5% to 90% Storage Temperature: -40 ~ 70 °C Storage Humidity: 5% to 90% non-condensing
Installation	2U Rack Mount
Dimension	Chassis: 425 * 290 * 90mm Module Card: 89* 81 * 22mm

Order Information

Model No.	Description of Goods
JHA-ME16-2A	16-slot AC 220V, Dual Power Managed Rack Mount Chassis
JHA-ME16-2D	16-slot DC 48V, Dual Power Managed Rack Mount Chassis
JHA-ME16-2A/D	16-slot DC48V/AC220V, Dual Power Managed Rack Mount Chassis