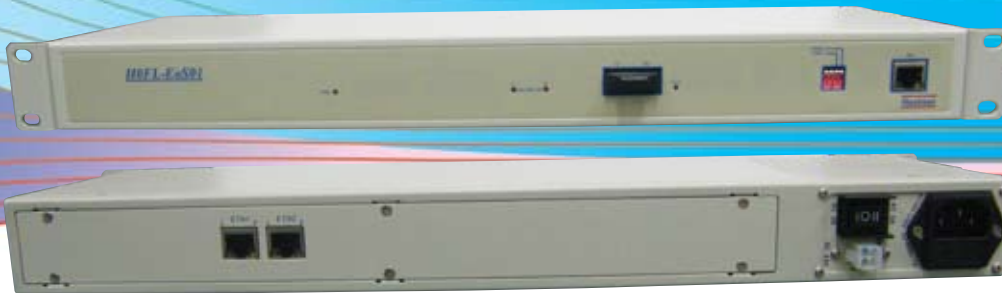


H0FL-EoS01

Ethernet over STM-1 converter



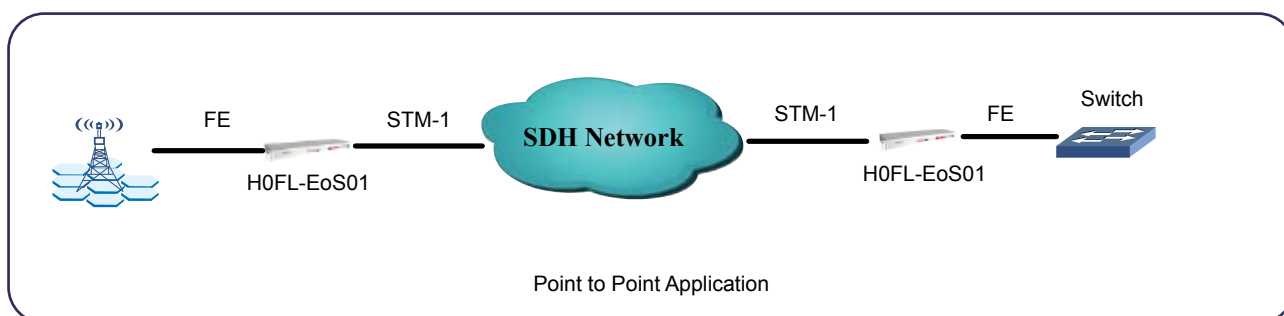
> Overview

H0FL-EoS01 is one of Ethernet/STM-1 converters which deliver Ethernet services over SDH STM-1 circuit. It provides one or two STM-1 SDH optical interfaces and two 100M full-duplex Ethernet electrical ports, encapsulates Ethernet frame to SDH payload, providing fast and cost-effective Ethernet access for carriers and service providers. The standard STM-1 enables connection with any SDH multiplexers from other vendors to access backbone network or get simple point-to-point network directly.

> Features

1. Standard STM-1 optical ports, support 1+1 protection, dual or single fiber transmission, different wavelengths and powers can be selected
2. Ethernet mapping adopts GFP/VC-12 virtual concatenated technology; according with MSTP criterion;
3. SNMP(10Base-T) network management port
4. Standard 19" 1 unit box
5. -48V DC or 220V AC power supply, support power redundancy
6. Substrate program on-line update supported
7. High reliability, low CAPEX and OPEX

Typical Application



Technical Specifications

Index	Performance Parameter	
SDH Interface	Max	1~2 STM-1 optical interfaces (1+1 protection supported)
	Connector	SC/PC
	Spec.	S-1.1, L-1.1, L-1.2 Single fiber bi-directional interface can be optionally supported
Service interface	Ethernet port	2×10/100Base-Tx Comply with IEEE 802.3
Management	Protocol	SNMP
	Interface	10Base-T
Physical Dimension		1U: 440 × 44 × 138 (mm)
Power	Supply	-48V DC or 220V (110V) AC or dual power supply +24VDC
	Consumption	≤8w
Environment	Temperature	0°C~50°C
	Humidity	≤90 %