

H0FL-04100/ H0FL-F04100

Ethernet over 4E1 Converter



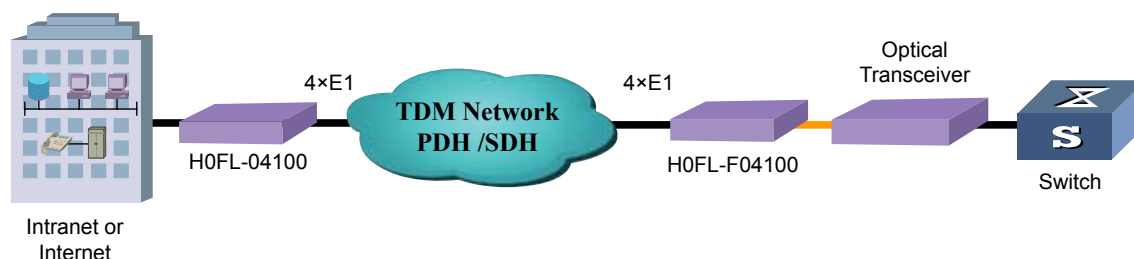
➤ Overview

H0FL-F04100 is cost-effective intelligent converters manufactured by Beijing Huahuan Electronics, it can provide the converting from optical Ethernet to 4 E1 channels, H0FL-F04100 provides one 10/100Base-Fx port and four E1 ports. They enable service providers and ISPs to provide transparent Ethernet services without interfering with user traffic. In addition to point to point application, the equipment can also work with office device H0FL-P as a terminal device with 16 service directions.

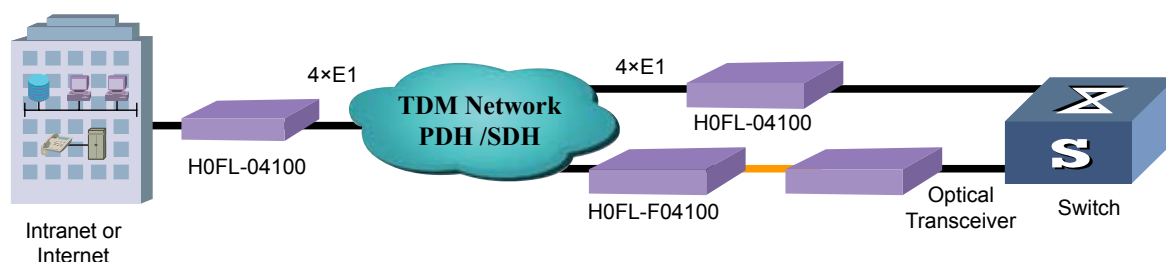
➤ Features

1. Provide one 10/100Base-Fx port, support auto-negotiated and 10M/100M full-duplex and half-duplex manual mode. Ethernet port support AUTO-MDIX under auto-negotiated mode.
2. 10/100Base-Fx port is completely compatible with the standard transceivers from other manufactories.
3. Support Ethernet transparent transmission.
4. H0FL-F04100 provides 4 channels of E1, E1 interface: 75Ω/120Ω optional, complied with ITU-T G.703.
5. E1 channels selectable, automatically judge effective E1 link and adjust bandwidth.
6. Automatically detect E1 link loop back state, and shut off this link to avoid network block.
7. Large buffer capacity, low transmit delay
8. Simple installation
9. ±48V DC or 220V AC Power supply selectable
10. Work with module F08100 card in local equipment H0FL-P, achieving remote management.

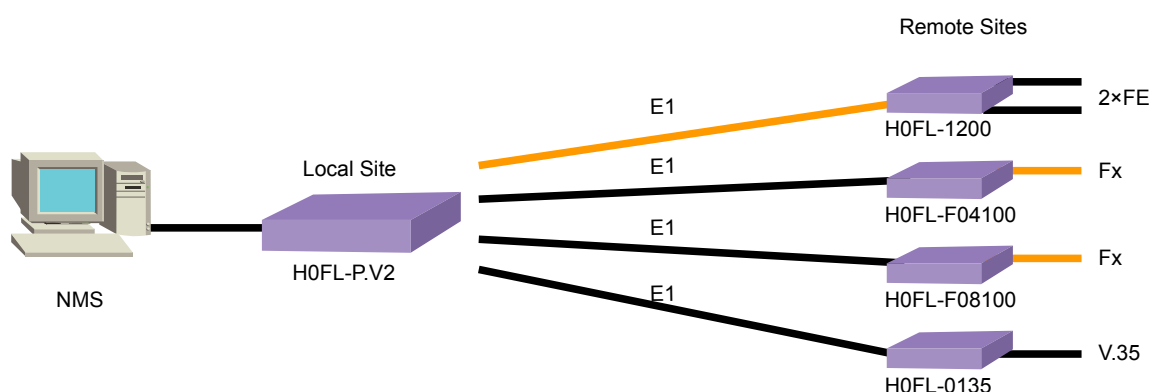
Typical Application



Point to Point



Point to Point



Technical Specifications

Item	Description	
Products List	H0FL-04100	Connects one port 10/100Base-Tx Ethernet LAN over four E1 channel
	H0FL-F04100	Connects one port 10/100Base-Fx Ethernet LAN over four E1 channel
E1 interface	Comply with ITU-T G.703, 75ohm or 120ohm optional	
Electrical Ethernet port	10/100Base-Tx, RJ45 10/100M auto-adaptive, half/full duplex auto-adaptive	
Optical Ethernet port	10/100Base-Fx, SC 10/100M auto-adaptive, half/full duplex auto-adaptive	
Power	Supply	DC -48V (-32V~-72V) AC 220V (90V~265V)
	Consumption	≤3W
Dimension	(W×H×D)	167mm×35mm×135mm