H0FL-H01100/HF01100

Ethernet over framed E1 Converter
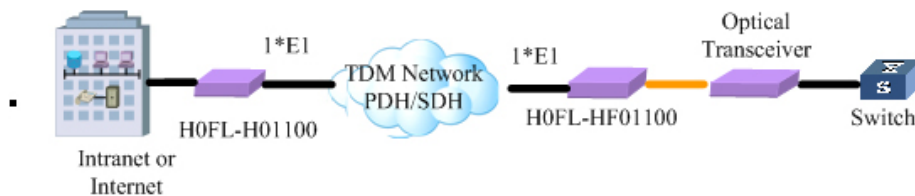
› Overview

H0FL-H01100 is cost-effective intelligent converters which can connect Fast Ethernet LAN over single E1 channel. H0FL-H01100 provides one 10/100Base-Tx port and one framed E1 port. E1's bandwidth can be adjusted to Nx64K. H0FL-HF01100 provides one 10/100Base-Fx port and one E1 port. E1's bandwidth can be adjusted to Nx64K. 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.
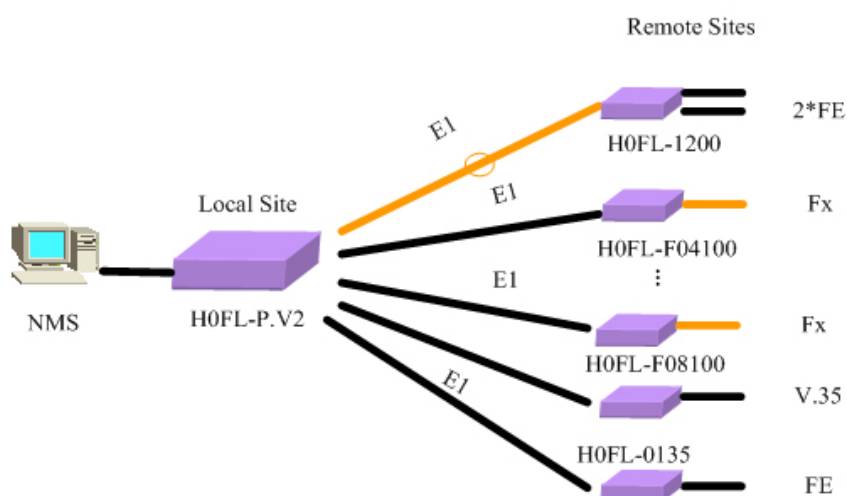
› Features

1. Support one electrical or optical Ethernet link over one E1 channel.
2. Standard HDLC encapsulation
3. Can be set Nx64k bandwidth by the hardware or NMS
4. The remote equipment can follow up the local equipment bandwidth automatically
5. Comply with G.703, G.823, IEEE802.3.
6. Automatically restrain broadcast storm
7. Support diagnostic tools for TDM and Ethernet networks, for fast isolation of network problems, saving time and costs
8. Electrical Ethernet ports support 10/100M half/full duplex auto-adapted.
9. Wavelength power and transmission distance can be selected for the optical Ethernet interface.
10. Support HP auto MDIX function, MDI/MDIX auto-adapted.

❯ Typical Application

point to point

❯ Technical Specifications

Item	Description	
Products List	H0FL-H01100	1x10/100Base-Tx electrical Ethernet over 1xE1
	H0FL-HF01100	1x10/100Base-Fx optical Ethernet over 1xE1
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

Ethernet over TDM