

H0FL-01100/F01100

Ethernet over E1 Converter



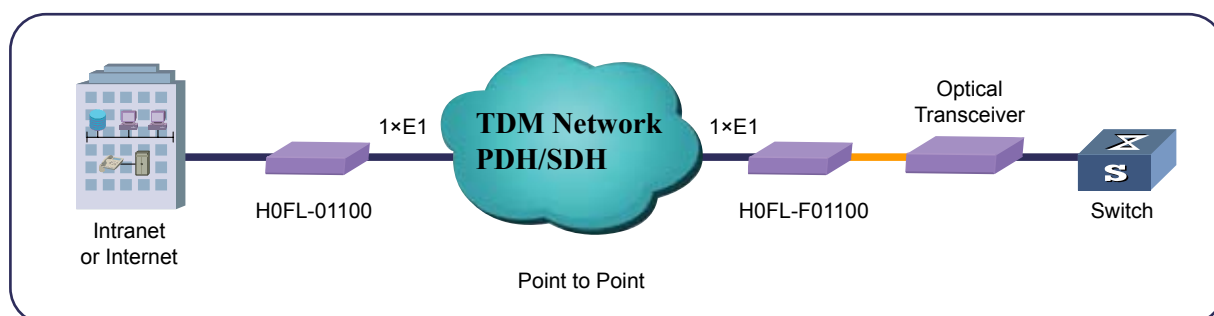
> Overview

H0FL-01100/F01100 is cost-effective intelligent converters which can connect Fast Ethernet LAN over single E1 channel. H0FL-01100 provides one 10/100Base-Tx port and one E1 port. H0FL-F01100 provides one 10/100Base-Fx port and one E1 port. 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. Comply with IEEE802.3.
3. Automatically restrain broadcast storm
4. Support diagnostic tools for TDM and Ethernet networks, for fast isolation of network problems, saving time and costs
5. Electrical Ethernet ports support 10/100M half/full duplex auto-adapted.
6. Wavelength power and transmission distance can be selected for the optical Ethernet interface.
7. Support HP auto MDIX function, MDI/MDIX auto-adapted.
8. High reliability with low CAPEX and OPEX.

Typical Application



Technical Specifications

Item	Description	
Products List	H0FL-01100	Connects one port 10/100Base-Tx Ethernet LAN over one E1 channel
	H0FL-F01100	Connects one port 10/100Base-Fx Ethernet LAN over one 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

Ordering Information

Card/Module Name	Product Model	Description
FE to E1 Converter	H0FL-01100	Fast ethernet to E1 converter. 220V AC. E1 is 75ohms(BNC) and 120ohms(RJ45)
FE to E1 Converter	H0FL-01100/8	Fast ethernet to E1 converter. -48V DC. E1 is 75ohms(BNC) and 120ohms(RJ45)
Fx to E1 Converter	H0FL-F01100	Optical fast ethernet to E1 converter. 220V AC. E1 is 75ohms(BNC) and 120ohms(RJ45).Default is single mode, 1310nm, 40km. (other distances and single-strand options are also available)
Fx to E1 Converter	H0FL-F01100/8	Optical fast ethernet to E1 converter. -48V DC. E1 is 75ohms(BNC) and 120ohms(RJ45).Default is single mode, 1310nm, 40km. (other distances and single-strand options are also available)