Overview

Huahuan developed a series cost-effective intelligent converters connecting Fast Ethernet LAN over single E1 channel or multiple (up to 16) E1 channels. Both electrical and optical Ethernet ports are available in the converter family. They enable service providers and ISPs to provide transparent Ethernet services without interfering with user traffic.

Features

1. Enable users to employ VLAN and other protocols requiring large frame sizes
2. Work in filter mode where it learns MAC addresses and filters local traffic, or in transparent mode where any received packet will be forward to the other interface
3. E1 interfaces support both 75Ω and 120Ω impedances (not available in H0FL-08100 and H0FL-16100)
4. Automatically restrain broadcast storm
5. Auto service recovery from part E1 channels failure (not available in H0FL-01100)
6. Support diagnostic tools for TDM and Ethernet networks, for fast isolation of network problems, saving time and costs
7. Management software is available, easy maintenance and operation

Specifications

Item	Description	
Products List	H0FL-P	Converter pool with 16 physical slots for aggregation
	H0FL-01100	Connects one electrical port 10/100Base-T Ethernet LANs over one E1 channel
	H0FL-F01100	Connects one optical port 10/100Base-F Ethernet LANs over one E1 channel
	H0FL-04100	Connects one electrical port 10/100Base-T Ethernet LANs over four E1 channels
	H0FL-F04100	Connects one optical port 10/100Base-F Ethernet LANs over four E1 channels
	H0FL-08100	Connects one electrical port 10/100Base-T Ethernet LANs over eight E1 channels
	H0FL-F08100	Connects one optical port 10/100Base-F Ethernet LANs over eight E1 channels
	H0FL-16100	Connects one electrical port 10/100Base-T Ethernet LANs over sixteen E1 channels
	H0FL-F16100	Connects one optical ports 10/100Base-F Ethernet LANs over sixteen E1 channels
E1 interface	Comply with ITU-T G.703	
10/100Base-Tx interface	Comply with IEEE802.3, 10/100M auto-adaptive, half/full duplex auto-adaptive	
Power Supply	A	DC -48V (-32V~-72V)
	B	AC 220V (165V~265V)
Power Consumption	H0FL-P	$\leq 65W$(full-load)
	H0FL-01100/F01100	≤3W
	H0FL-04100/F04100	≤3W
	H0FL-08100/F08100	≤10W
	H0FL-16100/F16100	≤10W
Dimension (W×H×D)	H0FL-P	440mm×136mm×240mm
	H0FL-01100/F01100	220mm×46mm×141mm
	H0FL-04100/F04100	440mm×44mm×209mm
	H0FL-08100/F08100	440mm×45mm×240mm
	H0FL-16100/F16100	440mm × 44mm × 230 mm

Application