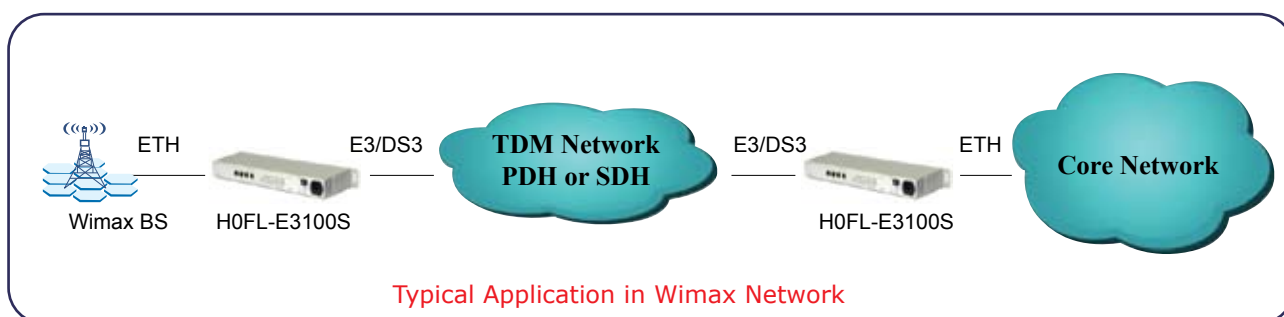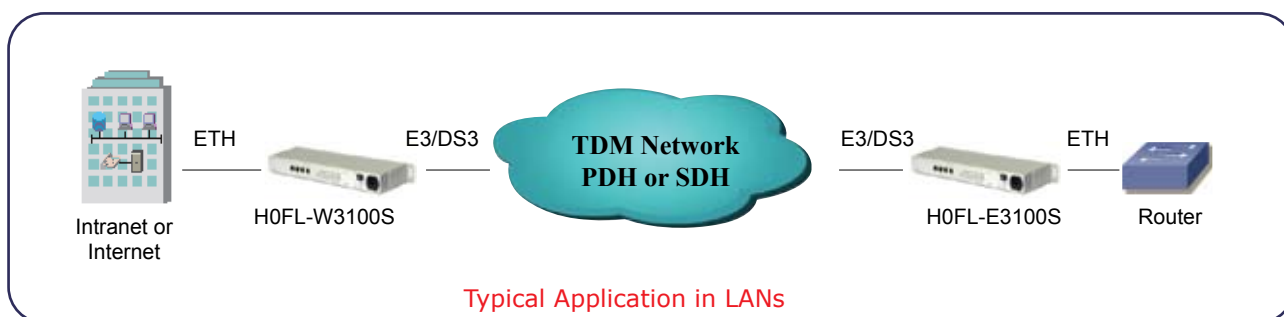# H0FL-E3100S

Ethernet over E3/DS3 Converter

❯ Overview

H0FL-E3100S is cost-effective intelligent converter which offers a cost-effective connection between E3/DS3 services and 10/100BaseT LANs. 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 center device H0FL-P as a terminal device with 16 service directions.

❯ Features

1. Support 4x10/100Base-Tx FE over 1xE3/DS3 channel;
2. Customer should offer E3 or DS3 separately, E3 and DS3 cannot be supported simultaneously;
3. Comply with IEEE802.3;
4. Automatically restrain broadcast storm;
5. Support diagnostic tools for TDM and Ethernet networks, for fast isolation of network problems, saving time and costs;
6. Rich alarm indications such as E3/DS3 AIS/LOS, ETH LINK/ACT etc;
7. Ethernet ports support 10/100M half/full duplex auto-adapted;
8. Plug-and-Play LAN connection;
9. Support HP auto MDIX function, MDI/MDIX auto-adapted;
10. High reliability with low CAPEX and OPEX.

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❯ Typical Application

Intranet or Internet — ETH — H0FL-W3100S — E3/DS3 — **TDM Network PDH or SDH** — E3/DS3 — H0FL-E3100S — ETH — Router

Typical Application in LANs

Wimax BS — ETH — H0FL-E3100S — E3/DS3 — **TDM Network PDH or SDH** — E3/DS3 — H0FL-E3100S — ETH — **Core Network**

Typical Application in Wimax Network

❯ Technical Specifications

Item	Description	
Products List	H0FL-E3100S	Connects four-port 10/100Base-Tx Ethernet LAN over one E3/DS3 channels
E3 interface	Comply with ITU-T G.703, 75ohm unbalanced	
DS3 interface	44.736Mbps, 75 ohm unbalanced	
Ethernet interface	10/100Base-Tx, RJ45 10/100M auto-adaptive, half/full duplex auto-adaptive	
Power	Supply optional	DC -48V (-32V~-72V)
		AC 220V (90V~265V)
	Consumption	≤8 W
Dimension	(W×H×D)	440 × 44 ×138 (mm)

Ethernet over TDM