

Framed E1 to V.35 Converter, -48VDC or 220VAC

➤ Features

- Support V.35 rate $N*64\text{kbps}$ ($N=1\sim31$);
- Support four clock modes;
- Support local analog/digital loopback;
- Support remote loopback function;
- Provide false random code test function;
- V.35 interface uses M34 standard connector;
- E1 interface supports framing and non-framing modes;
- E1 interface balanced 120ohm/unbalanced 75ohm optional;
- Support stand-alone type or 19-inch rack-mounted structure;
- Support DC-48V or AC 220V power supply optional;
- Support 0-50°C wide operating temperature range;
- Warranty:3years



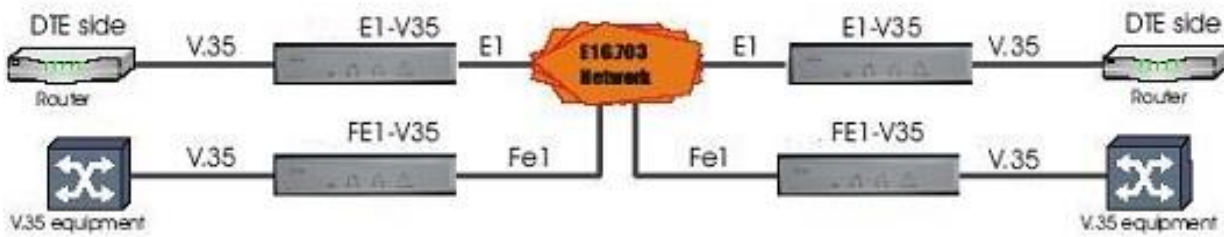
➤ Introduction

HPC-FE1-V35 adopting ASIC (application specific integrated circuit) design. It is capable of converting $N*64\text{K}$ continuous data flow into PCM signal of E1, with a rate up to 1984Kbps (time slot 0 is used to transmit synchronizing information). Subscriber data is put within E1 frame, occupying only the needed time slot. Time slot is distributed freely according to the demand of the subscriber. When subscriber data rate is up to 2048Kbps, line transmission is of full transparent mode, i.e., non-framing structure.

➤ Specification

E1 interface	
Frame structure	Framing/non-framing
Resistance	75ohm, physical interface BNC
	120ohm, physical interface RJ45
Code format	HDB3
Receiving electric level	0~-43db
Sending high electric level	2.37V ±10%, 75ohm
	3.00V ±10%, 120ohm
Transmission distance	Single-mode: up to 120km
	Multi-mode: up to 2km
Sending low electric level	0V ±0.1V
Transmission distance	600m
V.35 interface	
Data rate	N*64Kbps (N=1~32)
Interface character	Match V.35
Type of connector	M34 connector
Operating mode	DCE/DTE
Clocking options	G.703 derived clock, internal/external clock
Data port	
Data port type	V.35/DCE
Rate	N*64Kbps(N =1~31)
Physical interface	M34(Female)
Code	NRZ
Physical	
Dimension	140mm(D)*40mm(H)*210mm(W)
Weight	1Kg
Power supply	DC-48V or AC96 -260V
Power consumption	3W
Operating temperature	0-50°C
Storage temperature	-20-85°C
Humidity	5%~95% (non-condensing)

➤ Application



➤ Ordering Information

Model NO.	Description
HPC-FE1-V35-00	Framed E1 to V35 interface converter, 75ohm&120ohm, AC 96-260V
HPC-FE1-V35-01	Framed E1 to V35 interface converter, 75ohm&120ohm, -48 VDC

➤ Packing List

- Framed E1 to V35 interface converter *1
- User manual * 1
- Certificate of quality * 1
- Power cord*1
- Warranty card * 1