

IT-7221-PC

V.35 to E1 (framed E1) Converter

Features

1. Convert V.35 interface to E1 (2M framed G.703) interface
2. Support $N \times 64\text{Kbps}$ ($N=1 \sim 32$) rate
3. Random distribute timepiece and bandwidth
4. Support line resume clock, local clock and equipment clock
5. E1 (G.703) interface support 120ohm (RJ-45) and 75ohm (BNC double coaxial)



Introduction

IT-7221-PC converter provides conversion between ITU-T G.703 standard E1 interface and standard V.35 interface, can convert E1 channel of SDH, PDH, and other Optical Transmission Equipment or microwave, satellite Equipment to V.35 channel, Extend V.35 channel

of DDN. Used widely in data communication networks, Connecting with V.35 interface of Routers and Optical Transmission Equipments without G.703 interface, realize match between different network equipments, and transparent to upper protocol layer.

Specification

E1 interface

Standard: Comply with ITU-T G.703
Output tingle displace: accord ITU-T G.735 advice
Input tingle limit: accord ITU-T G.823 advice
Output tingle: accord ITU-T G.823 advice
Frame format: framed
Interface rate: $N \times 64\text{Kbps}$ ($N=1 \sim 32$)
CRC checkout: no
Port coding: HDB3
Port transmission: 600M
Port connector: 120 Ohm (RJ-45) and 75 ohm (BNC double coaxial)

V.35 interface

Standard: Comply with V.35 (DTE)
Clock: Line clock, Local clock
Port connector: M34 (Female)

Line code: NRZ

Clock selection: Internal clock, V.35 line clock, E1 recovery Clock

Test facility: Bite Local& remote loop test

Environment, Power and Dimension

Working temperature: 0 to 50°C
Storage temperature: -20 to 80°C
Humidity: Relative humidity 5% to 95%
Input power: 220VAC
Consumption: 3W
Power protection: From high voltage/short circuit
L×W×H: 140mm×210mm×42mm
Shell: metal shell

Warranty: 3 years

Approvals: FCC, CE, RoHS approvals

Packing List

1. IT-7221-PC V.35/E1 converter×1
2. 220V power line ×1
3. User manual ×1