

AN-FE1-V24



Overview

AN-FE1-V.24 is capable of converting v.24 interface into PCM signal of E1, with a rate up to 128Kbps. Mode of V.24 interface of this converter is DCE, it connects DTE device through direct cable, and connects DCE device through cross cable.

AN-FE1-V.24 framing structure interface converter adopting ASIC (application specific integrated circuit) design. It is capable of converting N*64K continuous data flow into PCM signal of E1, with a rate up to 128Kbps. Mode of V.24 interface of this converter is DCE, it connects DTE device through direct cable, and connects DCE device through cross cable.

Features

- V.24 rate Nx64kbps(N=1~2) optional arbitrarily
- Universal - Framed/Unframed modes supported
- Support local analog/digital loopback
- Support remote loopback function
- Provide pseudo-random code test function
- V.24 interface uses DB25 standard connector
- E1 interface supports framing and non-framing modes, with the occupied time slot selected arbitrarily
- E1 interface balanced 120Ω/unbalanced 75Ω optional
- AC 220V and DC -48V inputs may be selected for interface converters of both structures
- For rack-mounted interface converter, dual power supply heat backup is provided to ensure a high operating reliability.

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Specifications

Protocol: G.703, G.704, G.706, G.823, I.431 and V.35

E1 interface:

- Frame structure: framing/non-framing
- Impedance: 75Ω, physical interface BNC; 120Ω, physical interface RJ45
- Code: HDB3
- Receiving electric level: 0~43db
- Sending high electric level: 2.37V ±10%, 75Ω; 3.00V ±10%, 120Ω
- Sending low electric level: 0V ±0.1V
- Transmission distance: 600m

Data port:

- Data port type: V.35/DCE
- Rate: N*64Kbps (N =1~31)
- Physical interface: M34 (Female)
- Code: NRZ
- Indicator lamps: To indicate the operating status of power supply, data and line interface.

Power supply:

- Stand alone: 85V~264V AC input, 5V/1A output
- -36V~72V DC input, 5V/1A output

Other Specification:

- Operation temperature: 0°C~50°C
- Storage temperature: -20°C~80°C
- Humidity: 5%~90% (no condensation)

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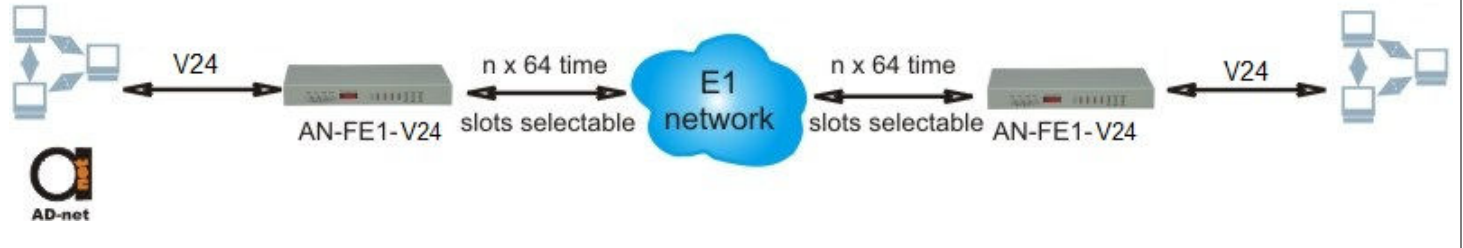
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Applications



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