



AN-miniSDH-A is a member of AD-net SDH/MSPP product family. This family of products is aimed at the access network establishment, providing TDM and Ethernet services to meet the needs of today's network evolution. Other members in the SDH/MSPP include AN-MSPP, AN-miniSDH-V, AN-miniSDH, AN-miniSDH-C, AN-SDH63, etc.

The AN-miniSDH-A is derived from the card-based AN-miniSDH to provide a more cost effective solution. It is of single board design with fixed number of interface ports. As an ADM MUX, it has two STM-1 fiber optic ports, and a set of service ports. According to the number of service ports, the AN-miniSDH-A comes in different models, as shown in below table.

Model	STM-1 optical Ports	E1 Ports	Ethernet Ports	V.35 Ports
AN-miniSDH-A/841	2	8	4	1
AN-miniSDH-A/840	2	8	4	0
AN-miniSDH-A/441	2	4	4	1
AN-miniSDH-A/440	2	4	4	0
AN-miniSDH-A/400	2	4	0	0

**STM-1 Fiber Port**

Bit rate: 155520kbit/s ± 4.6ppm  
 Line code: Scrambled NRZ  
 Wavelength: Default: 1310nm Option /5: 1550nm  
 Connector: Default: SC Option /F: FC  
 Fiber Spec. S-1.1, L-1.1, L-1.2

**E1 Port**

Bit rate: 2.048 Mbps ± 50 ppm  
 Line code: HDB3  
 Impedance: Default: 75W Option /T: 120W

Frame Structure: Non-framed

Number of ports: or 4 or 8 depending on model

### **V.35 Port**

Bit rate: Nx64kbps ± 50 ppm, N£31

Frame Structure: G.704 or unframed

Interface mode: DCE or  
DTE

Number of ports: 1

### **Ethernet Port**

Interface mode: 10Base-T/100Base-T, Half/Full duplex, auto-negotiation, HP auto-MDIX

Trunk port: NxVC-12 N£63, GFP

Number of ports: 4

### **Management Port**

Ethernet: RJ45, 10Base-T, MDI port

Others: DCC, E1(VC-12)

### **Timing**

Internal, STM-1 Line, E1 tributary line

### **Mechanical/Electrical**

Dimension: 44mm x 138mm x 440mm (H/D/W)

Net weight: 2kg

Power (AC): 100 ~ 240 V, 50/60Hz

Power (DC): -48 V (-58V ~ -38V)

Consumption: ≤ 10W

Working temp: 0 ~ 50°C

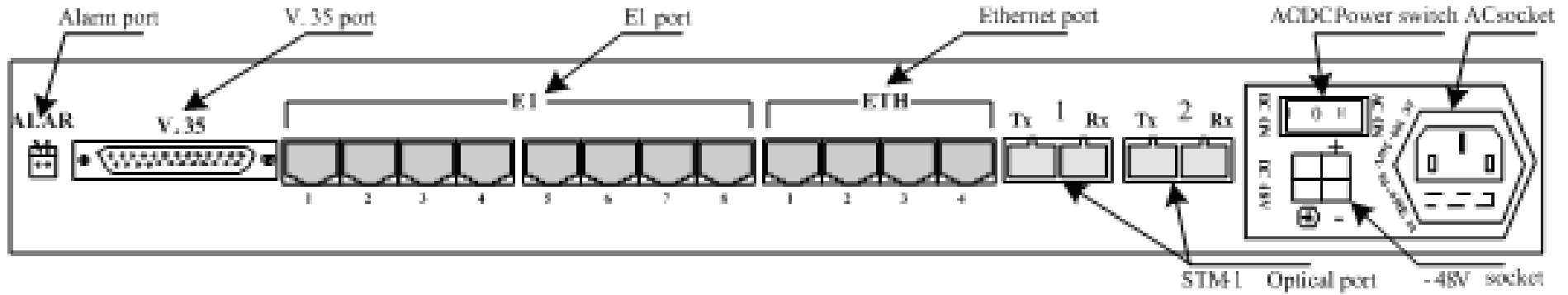
Humidity: 0-95%RH (non-condensing)

Ethernet RJ-45

socket:

V.35 socket: DB25

E1 socket: RJ48



- AN-miniSDH-A/841** 2 x STM-1 optical ports + 8E1 ports + 4 10/100 Ethernet ports + 1 V.35 port ADM / miniSDH multiplexer
- AN-miniSDH-A/840** 2 x STM-1 optical ports + 8E1 ports + 4 10/100 Ethernet ports + 0 V.35 port ADM / miniSDH multiplexer
- AN-miniSDH-A/441** 2 x STM-1 optical ports + 4E1 ports + 4 10/100 Ethernet ports + 1 V.35 port ADM / miniSDH multiplexer
- AN-miniSDH-A/440** 2 x STM-1 optical ports + 4E1 ports + 4 10/100 Ethernet ports + 0 V.35 port ADM / miniSDH multiplexer
- AN-miniSDH-A/400** 2 x STM-1 optical ports + 4E1 ports + 0 10/100 Ethernet ports + 0 V.35 port ADM / miniSDH multiplexer

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Haberleşme sistemlerinde **yüksek performansı** yakalayın

