

## V.35 Optical Modem



### Overview

ATMOD-V.35 Fiber Modem converts V.35 electrical signal into optical data stream for transport over single mode or multimode fiber optic cables. At the opposite end of the fiber, the optical stream is converted back into electrical signals of the appropriate interface such as G.703 & V.35. This fiber optic modem extends the transmission distance up to more than 100Km. The frame format of ATMOD-V.35 is frame/un frame for E1, so it can be used to transmit E1 signal of frame video or un frame video.

### Features

Frame format of V.35: frame/unframed

High performance laser equipments, with perfect optic/electric characteristic, guarantee the safety and stability of data transfer

Data rate:  $N \times 64\text{kbps}$  ( $N=1\sim 32$ ) are adjustable

Clocks selectable: internal clock, external clock or recovered clock

The function that timeslots of remote device auto-follow local device settings can be enabled/disabled (only for this kind of devices)

Adopting the AGC circuit

Adopting the DLL technology to reduce the jitter

Abundant loop back test functions, convenient for detection

Full perfect working indicator

Adopting the main equipment produced by the world-famous manufacture,

Advanced surface molding streamline

Internal power supply

Can connect to FE1 Fiber Modem (only for products of our company)

ANDA Telecom Pvt. Ltd.

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## Specifications

### 1.V.35 Port Data rate:

Nx64Kbps(N=1~32)

Line code: Nx64Kbps(N=1~32)

Interface mode: DCE (enable connect with DTE/DCE)

Electric characteristic: comply with ITU-T V.35 standard

Connector: DB25

### 2.Optical

Wavelength: 850nm/1300nm (MM) port 1310nm/1550nm (SM)

Distance: 5km (MM) Up to 120km (SM)

3.Power Supply Voltage: AC 220V / DC 48V

4.Power consumption: ≤5W

5.Environment Operating temperature: 0°C 50°C

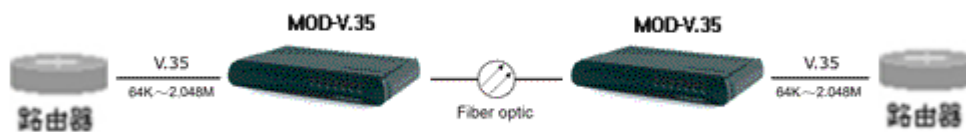
6.Storage temperature: 40°C 70°C

7. Relative humidity: 5% 95%, non condensation

8.Weight 0.4Kg

9Size: 212mm(W)×150mm(L)×38mm(H)

## Typical Application



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