

### Functions

V.35 fiber modem extends V.35 interface service over fiber. A pair of V.35 Fiber Modems provides n\*64K (n=1-32) V.35 network "extension" between remote and locations. The TD-OP-V35 is designed to transmit/receive V.35 data over one string of fiber. It allows transmission over Single-mode fiber with distances up to 120km. LED status indicators monitor the fiber and V.35 links. The Model TD-OP-V.35 is available with either an AC or DC power supply and is supported by a wide range of applications and power supply environments.



### Product Characteristics

- Have two row of LED, one indicates local status, the other indicates remote status;
- The V.35 Rate is N\*64K, N=1-32;
- Have two clock way: V.35 master clock and V.35 slave clock;
- Have three Loop-Back Mode: Fiber interface Loop-Back (ANA), V.35 interface Loop-back (REM);
- Single Fiber or Dual Fiber option;
- Remote adjustment of velocity for remote device will be available when the local setting into the master clock and the remote set into slave clock;
- E1 fiber modem matching V.35 fiber by pair, one G.703/V.35 interface conversion can be saved out;
- It has PBRS test function and could be used as a 2M error code device.
- V.35 interface support hot-plug and can be connected with other DCE or DET device;

### V.35 interface

Transmission Velocity: N\*64Kbps (N=1~32)

Electric Characteristics: according ITU-T V.35 connector female M34

Connect Way: DCE, can connect with DCE or DTE units

### Fiber Interface

Optical interface: SC/FC

Optical core: Single Fiber or Dual Fiber

Optical Wavelength: 1310 nm/1550nm +/- 50/40nm

Sending consumption: -9dBm/-5dBm

Receiving and dispatching module: >-6dBm

Optical receiver receiving sensitivity: <-36 (BER<10<sup>-10</sup>):

Dynamic range receiving: >-30dB

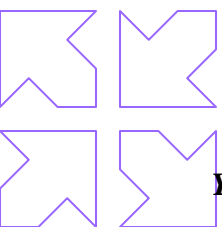
Optical code:NRZ

Support several optical interface:

850nm/1310nm Multimode Fiber

1310nm/1550nm Singlemode Fiber

Transmit distance: Multimode with 2KM, single-mode with 20KM, 40KM, 60KM, 80KM, and 120KM.



## Power supply

Working voltage range wide, good anti-disturb and Isolation, work stable

Option-I DC-48V, range DC-36V to DC-72V

Option-II AC220V, Range: AC 90V to AC 260V

Option-III AC220V+ DC-48V

Power Consumption: <=3 Watts

## Environment condition

Operating temperature: 0 °C ~55 °C

Storage temperature: -20 °C ~ +70 °C

Humidity: 95% RH (non-condensing)

Cooling: Convection Cooling

## Dimension

210mm (L)

140mm (W)

30mm (H)

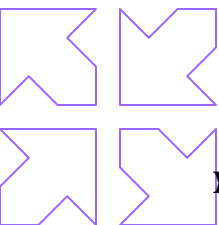
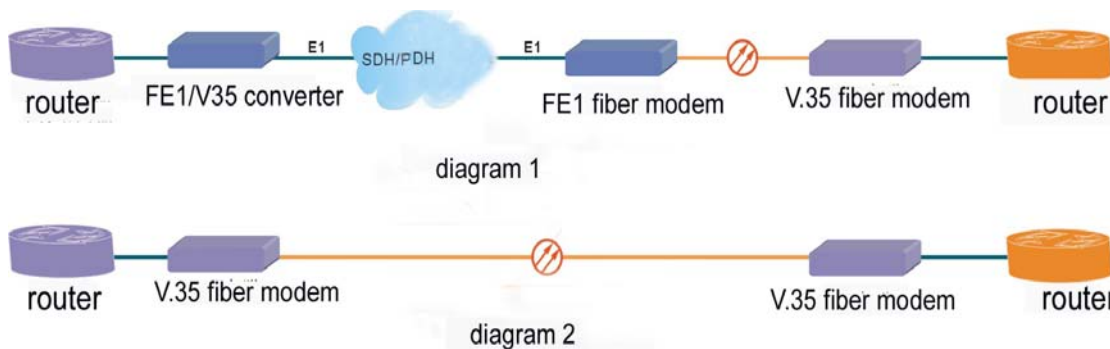
## Order Information

TD-OP-V.35 -AC

TD-OP-V.35 -DC

TD-OP-V.35-AC+DC

## Typical Application:



*Your Route to The Destination*