## N*64kpbs V.35 Fiber Optical Modem

### ➢ Features

- V.35 rate of Nx64Kbit/s (N=1~32);
- Support the loopback of local analog/digital interface;
- Support remote loopback function;
- Support pseudo-random code test function;
- LED indicates local status and remote status for easy troubleshooting;
- Support DIP switch management;
- Support Maximum 120km transmission distance through single-mode optic fiber;
- Support Maximum 2km transmission distance through multi-mode optic fiber;
- Capable to be communicated with FE1 Fiber Modem;
- Available with complete line detection and alarm indications
- Available with independent structure and 19-inch frame-mounted structure; (frame-mounted structure can be inserted with 16 modules);
- Support Internal and external clock modes
- Support DC-48V or AC 220V power supply optional;
- Support 0-50°C wide operating temperature range;
- Warranty:3years

### ➢ Introduction

UPCOM HPO-V35 is a high-performance V.35 optical fiber modem developed with a dedicated integrated circuit. on one side, the N*64K V.35 data signal is converted into an optical signal through a single-mode or multi-mode optical fiber, and on the other side, the optical fiber signal is re-converted into N*64K V.35 data signal. Multi-mode fiber can reach up to 2km, and the maximum transmission distance of single-mode fiber is 120km.
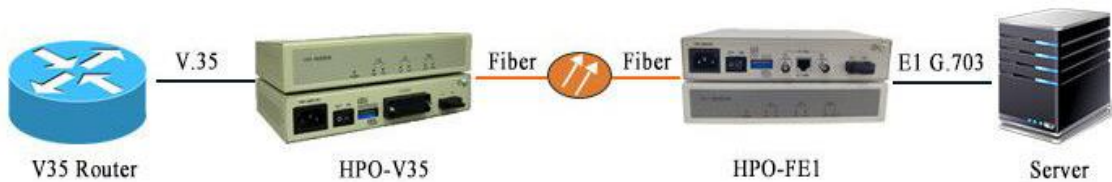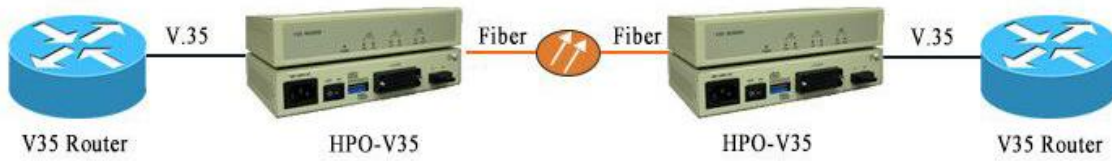
The V.35 interface can be directly connected to the V.35 interface of the data terminal or the WAN port of the multiplexer, switch, router, and can form a private network or conduct a wide area network connection.

HPO-V35 (V35 fiber modem) can be interconnected with FE1 fiber modem.

# ➢ Specification

| Optic interface | |
|---|---|
| Line mode type | CMI |
| Line mode rate | 2.048Mbps |
| Operating wavelength | 850nm,1310nm or 1550nm |
| Optic fiber connector | SC/FC |
| Optic fiber mode | Multi-mode, single-mode |
| Transmission distance | Single-mode: up to 120km |
| | Multi-mode: up to 2km |
| **V.35 interface** | |
| Data Rate | N*64Kbps (N=1~32), Available with CTS/RTS (Hardware) flow control function |
| Type of connector | M34 connector |
| Operating mode | DCE/DTE |
| **Physical** | |
| Dimension | 140mm(D)*40mm(H)*210mm(W)　stand-alone type |
| Weight | 1Kg |
| Power supply | DC-48V or AC96 -260V |
| Power Interface | DC power terminal/AC socket |
| Power consumption | 3W |
| Operating temperature | 0-50ºC |
| Storage temperature | -20-85ºC |
| Humidity | 5%~95% (non-condensing) |
| Warranty | 3years |

## ➢ Application





**V.35 Fiber Modem connected with FE1 Fiber Modem**

## ➢ Ordering Information

| Model NO. | Description |
|---|---|
| HPO-V35-00 | N*64kpbs V.35 Fiber Optical Modem, 75ohm&120ohm, 85~264VAC |
| HPO-V35-01 | N*64kpbs V.35 Fiber Optical Modem, 75ohm&120ohm, -48 VDC |

## ➢ Packing List

- N*64kpbs V.35 Fiber Optical Modem *1
- User manual * 1
- Certificate of quality * 1
- Power cord*1
- Warranty card * 1