winyuan

V.35 Fiber Modem

Spot-light:

The **V.35 fiber modem** family are standalone and rack mountable fiber 1 x V.35 (n*64kpbs, n=1~32) modems / converters available in a number of different models, with AC or DC power supplies built-in.

Description:

V.35 Fiber Modem is a high-performance V.35 fiber optic modem developed by using a dedicated integrated circuit. It is to modulate a N*64K V.35 data signal directly over single- or multi-mode optic fiber for a transmission via optic cable line. At another end of the optic cable, optical signal is demodulated into a V.35 data signal. V.35 interface may be directly connected with the V.35 interfaces of image and data terminals or the WAN ports of MUX, exchanger and router for a dedicated network setup or a LAN connection.

All media converters are available with either multi-mode or single-mode optical transceivers and with connectors for SC or FC. In single mode they are available in up to 120 km versions reach, which will provide the ability to transmit and receive data using only a single optical fiber pair. WDM single fiber version allows safe on fiber costs - instead of fiber pair, it is using just 1 fiber, by means of WDM technology.

When V.35 fiber modems are linked to the 4U chassis with **V.35 fiber modem** cards , it support **point to multi-point application.**

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 indicate local status and remote status, easy to understand easy to use
- Rich DIP switch management
- Up to 120km transmission distance for single-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 Rack-mountable structure Rack-mountable structure can be inserted with 16 modules
- AC 220V and DC –48V inputs may be selected for fiber optic modems of both structure
- For Rack-mountable fiber optic modems, dual power supply heat backup is provided to ensure a high operating reliability
- Clock mode of internal and external.

Specifications

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

Optical interface:
Line mode type: CMI
Optical wavelength: 850/1310nm for multi-mode fiber, 1310/1550nm for single-mode fiber.
Optical interface: SC/FC(Optional)
Transceiver module: > -8dBm (for 1310nm single mode 40km optical module)
Optical receiver sensitivity: <-36(BER<10) (for 1310nm single mode 40km optical module)
Transmission distance: multi-mode 2 Km, single-mode 20/40 /60/ 80 /120 Km, **WDM** available for different distances

Architecture:
Stand alone: 140mm(D)*42mm(H)*210mm(W)

Power supply:
DC: -48V (-36 to -72V);
AC: 85 to 264 VAC ; 47 ~ 63Hz
Power Interface: DC power terminal/AC socket
Power Consumption: ≤ 3 W

Other Specification
Operation temperature:0℃～50℃
Storage temperature:-20℃～80℃
Humidity: 0～90%(no condensation)

Application: