IT-7304-PC

V.35 Optic Fiber Modem

Features

- Rate N×64Kbit/s (N=1~32)
- Support the loopback of local analog/digital interface
- Support remote loopback function
- Support pseudo-random code test function
- 120km trucking -free transmission distance for single-mode optic fiber
- Capable to be communicated with E1 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

Introduction

IT-7304-PC is a high-performance V.35 optic fiber 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.

Specification

Optic interface:

Line mode type: CMI

Line mode rate: 2.048Mbps

Operating wavelength: 850nm, 1310nm or 1550nm

Optic fiber connector: SC/PC

Applicable optic fiber: 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

Indicator lamps:

To indicate the operating status of power supply, data receiving/sending, loopback and random code test, code missing alarm, out-of-frame alarm etc.

Structure:

Independent: 140mm (depth) x 210mm (width) x 42mm (height)

Rack-mountable: 19in 4.5U standard casing

Power supply:

Independent: 85V～264V AC input, 5V/2A output

-36V～-72V DC input, 5V/2A output

Rack-mountable: 150V～260V AC input, 5V/16A, 12V/1A output

-38V～-58V DC input, 5V/16A, 12V/1A output

Power consumption: 3W

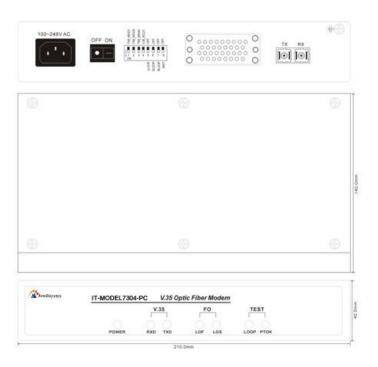Operating temperature: 0°C～50°C

Storage temperature: -20°C～80°C

Humidity: 5%～90% (free of condensate)

Warranty: 3 years

Approvals: FCC, CE, RoHS approvals

Dimension

Packing List

1. V.35 Fiber Modem IT-7304-PC ×1

2. V.35 Fiber Modem Operation Manual ×1

3. Power line (V.35 Fiber Modem/AC) ×1