

MODEL7301

E1 Optic Fiber Modem

Features

1. Lucency transfer E1(G.703) protocol
2. Support optic fiber loop and E1 port loop
3. Choice ST, FC, SC connector
4. E1(G.703)interface support 120ohm(RJ-45) and 75ohm(BNC)
5. Multi-mode 2KM, signal-mode 20-100KM



Introduction

MODEL7301 Optical Modem converts E1 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 MOD-E1 is unframed for E1, so it can be used to transmit E1 signal of unframed video.

Specification

Optic interface:

Line mode type: CMI
 Line mode rate: 8.192Mbps
 Operating wavelength: 850nm,1310nm or 1550nm
 Optic fiber connector: multi-mode adopt ST connector
 single-mode adopt FC/SC connector
 Transmission distance: Single-mode: 20,40,60,80,100,120km
 Multi-mode: 2km

120Ω, physical interface RJ45

Protection: 1500V electromagnetism isolate

Structure:

Independent: 227.4mm (depth) ×146.3mm (width) ×42.6mm (height)
 Rack-mountable: 19in 4U standard casing

Power supply:

Input power:220VAC or 48VDC
 Power consumption: 2W

Environment

Operating temperature: -25°C~70°C
 Storage temperature: -40°C~85°C
 Humidity: 5%~90% (free of condensate)

E1 interface:

Standard: ITU-T G.703 G.704
 Data rate: 2.048Mbps
 Working: Asynchronism Transparent transfer
 Operating mode: HDB3
 Impedance: 75Ω, physical interface BNC;

Warranty: 5 years

Approvals: FCC, CE, RoHS approvals

Packing List

1. E1 Optic Fiber Modem MODEL7301 ×1
2. E1 Optic Fiber Modem Operation Manual ×1
3. Power line (E1 Optic Fiber Modem/AC)×1

