

E1 2Mbps PRI to Fiber Optik Modem , Converter



75 ohm /120 ohm E1

- Fiber optik kablo üzerinden 2Mbps E1 hızında veri aktarımı
- Santral PBX PRI – Santral PBX PRI bağlantısı
- Router , ATM Switch vs arasında fiber optik kablo üzerinden E1 bağlantısının gerçekleştirilmesi
- SDH E1 arayüzünü fiber optik F/O üzerinden mesafe uzatma. POP noktasındaki E1 arayüzünü başka bir noktadaki müşteriye aktarma. Müşteriye SDH kurmanıza gerek kalmaz.
- Dip switch ile Framed yada unframed ayarı
- SNMP, WEB, Konsol ile yönetilebilir

1.Overview

FBOM1000 series Fiber Modem can modulate G.703 E1 signal or V.35 signal to single-mode or multimode fiber which extend the transmitting distance of E1 signal greatly. E1 signal support framed and unframed mode. When in framed mode, continuous or discontinuous time-slot can be selected. E1 fiber modem and V.35 fiber modem can be used together. Both of them are widely used in extending user interface in ATM or DDN.

2.Features

Realize E1 or V.35 signal transmitting over fiber; transmitting distance can reach 120Km without repeater

E1 interface: Framed & Unframed optional, 75 & 120ohm selectable

V.35 interface: support N×64K bit rate,DTE & DCE optional

Three loop back mode selectable: Local loop back, diagnostic loop back, remote loop back.

Provide bit-error test and time-slot follow by remote equipment, which brings a lot advantage in setting and debug

Multiple clock selection: Local clock, Fiber line clock, E1 recovery clock, V.35 line clock

Standalone and Chassis optional

3.Management (Yönetim)

Support Console, WEB and SNMP management

Provide Timing Mode Setting, Loop back mode setting, Framed or Unframed mode setting clock resources selection, and etc.

Provide environment parameter monitoring, including power supply status and device operation temperature

Show details of system information, including Chassis name, location information, IP address, start-up time, software and hardware version

View & configure the working status of local and remote device, including connection status, port status

4.Specifications (Teknik Özellikler)

4.1 Fiber interface

Rate: 4Mbps

Line code: 1B1C

Wavelength: 850nm/1310nm/1550nm

Connector: FC/SC/ST

Distance: 0-120Km

4.2 E1 interface

Compliant with ITU-T G.703, G.704, G.823

Rate: 2.048Mbps±50ppm

Impedance: 75 ohm unbalanced & 120 ohm balanced

Physical connector: BNC for unbalanced & RJ45 for balanced

Framed & unframed selectable

Support PCM30 & PCM31

4.3 Environment

Operation Temperature: 0~50

Operation Relative Humidity: 0~90%

Store Temperature: -20~65

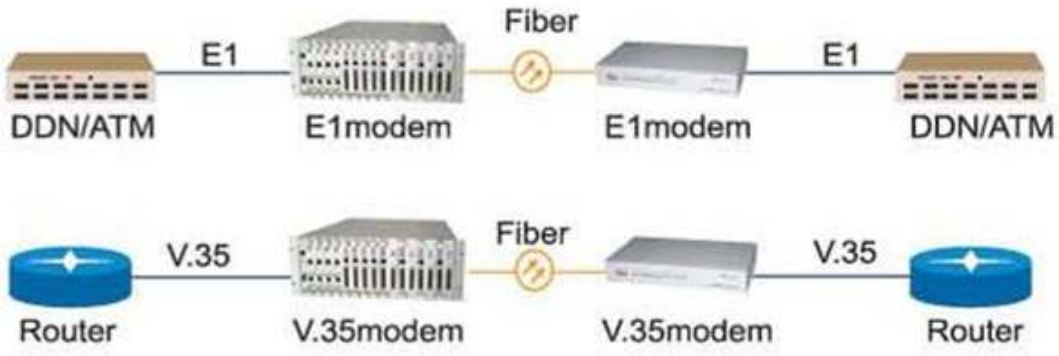
Store Relative Humidity: 0~95%

4.4 Power

AC Input: 100~240V

DC Input: -48V

5.Application (uygulama)



6.Oder Information (sipariş numaraları)

| P/N | Description |
|-----------|--------------------------|
| F9-E1-AC | E1 fiber modem, AC Power |
| F9-E1-DC | E1 fiber modem, DC Power |
| F9-V35-AC | E1 fiber modem, AC Power |
| F9-V35-DC | E1 fiber modem, DC Power |



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