

CuteLink E1 to V.35 Interface Converter

CL-C3100

Product Overview

CL-C3100 gives the interface conversion between G.703 E1 and V.35. This device provides an economical digital access solution for E1 and Fractional E1 network services. With a adapter cable, the Device can link to other DTE Device, such as router, at data rates of 64Kbps to 2048Kbps. User data is placed into the E1 frame, using only the required number of timeslots. Timeslot assignment is accomplished according to the Data Port speed and manual setting of DIP switches. It is widely used in communication network, both in WAN and LAN connection field.



Device Feature

- Conforms to all relevant ITU series standards(ITU-T G.703 G.704 G.823)
- Framing or non-framing mode in option
- E1 time slot in arbitrary option
- Clocks selectable: internal clock, external clock or recovered clock
- Balanced 120Ω/non-balanced 75Ω interfaces automatic
- Support the loop back of local analog/digital interface
- Support remote loop back function (valid on under framing mode)
- Available with independent structure and 19-inch frame-mounted structure (frame-mounted structure can be inserted with 16 modules);
- AC 220V and DC -48V inputs may be selected for fiber optic modems of both structures;

Specification

Protocol: G.703, G.704, G.736, G.823, I.431, SNMP

E1 interface:

- Standard: ITU-T G.703, G.704
- Frame structure: framing CCS (PCM31) / CAS (PCM30)
- Rate: N*64Kbps (N=1~31) or 2.048Mbps
- Impedance: 75Ω, physical interface BNC 、 120Ω, physical interface RJ45
- Code: HDB3
- Receiving level: 0~-43db
- Clock: internal clock, external clock or recovered clock

V.35 interface:

- Line code: HDB3
- Data rate: N×64Kbps (N=1~32)
- Available with CTS/RTS (Hardware) flow control function
- Type of connector: M34 connector
- Operating mode: DCE & DTE optional

Structure:

- Standalone: 140mm (depth) x 210mm(width) x 42mm(height)
- Rack mount: 19" 4.5U standard casing

Power supply:

- Standalone: 85V~264V AC input, 5V/2A output 、
-36V~-72V DC input, 5V/2A output

Other Specification:

- Operating temperature: 0℃~50℃
- Storage temperature: -20℃~80℃
- Humidity: 5%~90% (free of condensate)
- Context test real time: >99,9%, operating 24/24h

Application



Model

Model	Description
CL-C3100	FE1 to V.35 Interface Converter