

RS232 to E1 Converter

RS232 to E1(G.703) interface converter will convert RS232 Asynchronous data into 2.048 Mbps E1 data or Nx 64 Kbps E1 data. It supports both frame and Un frame operations over E1 channel.

Features

Convert RS232 interface to E1(2M unframed G.703) interface

- Support line recovery clock ,local clock and equipment clock
- Support E1 port loop
- E1 (G.703) interface support 120ohm (RJ45) and 75ohm (BNC double coaxial)

Technical Specifications

E1 INTERFACE SPECIFICATIONS

- Line Rate : 2048 Kbps
- Line Code : HDB3
- Interface : E1 Interface as per ITU-T G.703, G.704
- Impedance : 120 Ohms(Balanced), Optional : 75 Ohms(Unbalanced)
- Connector : RJ45 for Balanced and BNC for Unbalanced
- Clock Mode : Internal clock or G.703 Recovered clock
- Framed and Unframed Operation
- User selectable CRC-4 Generation and Detection

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RS232 INTERFACE SPECIFICATIONS

- Rs232 interface rate : 9600 Kbps, 19200 Kbps, 38400 Kbps, 56000 Kbps, 115200 Kbps
- Even or Odd parity selection.
- RS232 port protection : 600W surge protection, 15KV static protection
- RS232 port connector DB25 female

LED INDICATIONS : PWR, E1 Sync, AIS, TD, RD, TST.

BUILT-IN POWER : DUAL MODE AC/DC, 230VAC +/- 10% & -48VDC +/-10%

TEMPERATURE : -5 To 50°C

HUMIDITY : Upto 95% non condensing at 35°C

APPLICATION DIAGRAM

