





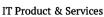




Data Communication

Optical Fiber

Tele Communication





Overview:

TD **FES-CNV-E1-Eth** converter is a high performance, remote, self-learning Ethernet Bridge. Its compact size and low cost make it ideal for cost-sensitive bridging applications or as a LAN extender over bit stream type infrastructures. Its El data interface also provides an economical digital access solution for El and Fractional El network Services, which can work at data rates of 64Kbps to 2048Kbps. User data is placed into the El frame, using only the required number of timeslots. Timeslot assignment is accomplished according to the Data Port speed and manual setting of DIP switches. The main El link may be clocked from the recovered receive clock or from an internal oscillator. For easy to check the fault of network line, the device provides loop selection, both local loop and remote loop. Furthermore, it can be managed by the software Fi-View-PC.

Technical Specifications:

| Header : |
|--|
| Brand : FES |
| Product Line : Forever Engineering Systems Pvt. Ltd. |
| Features: |
| Key features |
| • High performance bridge for IOBase-T Ethernet extension |
| Fully compatible with IEEE 802.3 and Ethernet Standards |
| • El channel: Full and Fabrication optional, 75/120 ohm optional |
| • Ethernet Port:: 10/100Mbps, Full/Half Duplex Mode compatible |
| IO/I00Base-T LAN Interface on RJ-45 connector and MDI/MDI-X optional |
| Allow transmitting and receiving VLAN data packet |
| 30000frames per second filtering and forwarding rate |
| 8000MAC address LAN table, and automatic LAN table learning and aging. |
| Standalone and 16 slots chassis optional |
| • Power of Chassis: 2 Slots for slide in power supply module, AC or DC power supply |
| • module, Redundant Power supported. |
| CORPORATE OFFICE |
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FOREVER ENGINEERING SYSTEMS PVT. LTD.



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IT Product & Services

Specifications:

- El interface
- Data rate: Nx64Kbps N=1-32
- Code type: HDB3
- Compliant with G.703, G.704, G.823
- $75\Omega/120\Omega$ Optional
- BNC(75Ω) / RJ45(120Ω)
- Framed / Unframed optional
- Ethernet Interface
- Standard: IEEE802.3, 802.3u
- 10/100Mbps, Half/Full Duplex
- RJ45 Connector, MDI/MDI-X switch
- Number of Ports: 1
- LED
- RXD TXD LINK FDX LOS LOF COL LOOP POWER
- Size
- Standalone: 252 (w) X136 (D) X40 (H) mm
- Chassis: 19' (w) >< 340mm (D) X 4U (H) mm
- Power
- INPUT:
- AC Power: 100V-240V, 0.4-0.2A, 50-60 Hz
- DC Power: -48V, 0.4A
- Power :<2W for each standalone or module Environment Operation
- Temperature: 0°C"—50°C;
- Humidity: 0%'-90% (non-condensed)
- Air pressure: 86kPa"- 106 kPa
- Transport and store
- Temperature: -20°C '-60°C;