

FT-2010B E1 to 10/100Base-Tx Protocol Converter

FT-2010B E1 to 10/100Base-Tx Protocol Converter is high-powered, auto-negotiation Ethernet net-bridge. It's highly integrated, low cost, ideal for sensitive bridging applications, as a LAN extender or segmentor over E1 bit stream. Auto-learn MAC address from connected LAN, and forward target addresses as frames of another LAN. It's storing over 10,000 addresses and upgrade continually, acting as bit rate as 30,000 frames/s once filtering and forwarding, buffer capacity as 256 frames, thruput time-lapse as 1 frame.

Features:

- Converts 10/100Base-Tx Ethernet to E1 interface
- Bit rate as 2.048Mbps/s
- E1 adopts master clock, line clock modes
- E1 impedance: 75Ω or 120Ω at option

E1 Interface:

- E1 Interface: ITU-T G.703, ITU-T G.704
- Line code : HDB3
- Bit rate : 2.048Mbps/s ±50ppm
- Impedance: unbalance 75Ω (BNC), balance 120Ω (RJ45)

Ethernet Interface:

- Ethernet Interface: 10/100Base-Tx, auto-negotiation
- Interface standard: IEEE802.3 compliant
- Transmission bandwidth: 2.048Mbps

Environment:

- Power input: AC 220V & DC -48V optional
- Power consumption: ≤ 5W
- Temperature: -5°C ~ 40°C for operation - 20°C ~ 60°C for storage & transport
- Humidity: 10% ~ 90% , non-condensing
- No corrosive and solvent Gas, no fluty dust and intense magnetic field interface

Physical:

- Stand-alone (19/2")
- Dimension: 200mm x 43.5mm x 150mm
- Weight: 0.8kg
- Rack type: EIA 19"

