

FT-E1G01 Fast Fiber Optic Modem

Features:

- Provides fiber link for E1 (G.703) applications.
- Operates at 32 selectable data rates from 64 kbps to 2048 kbps.
- Complete loop-back test functions
- Multiple clock option: Master clock, fiber line clock, E1 recovery clock E1 impedance optional as 75Ω or 120Ω
- Parameters:

Electrical:

- E1 mode: Unframed or Frame E1 (FE1)
- Bit rate: 2.048Bbps \pm 50ppm
N*64k (N=1`32)
- Channel Capacity: 30 channels
- Clock: E1 recovery clock
- Impedance: 75Ω (BNC connector) & 120Ω (RJ45 Connector)
- Code type: HDB3
- Jitter Character: ITU-T G.742, G.823 compliant

Optical:

- Bit rate: 2.048Mbit/s
- Line code: 1B1H
- Optical source: LD
- Typical output power: \geq -9dBm
- Receiver type: PINFET
- Receiver sensitivity: \leq -40dBm (BER \leq 10-11)
- Optical connector: FC/SC
- Wavelength: 1310/1550nm

Dimension:

- Stand-alone compact (19/2")
- Dimension: 200mm x 43.5mm x 150mm
- Weight: 1.0kg
- Rack type: EIA 19" rack
- Rack Mount (Integrated slide-in-module cards 12 slots chassis, 19")
- Dimension: 483mm x 266mm x 225mm
- Weight: 12kgs
- Rack type: EIA 19" rack

Environment:

- Power Input: AC 220V or DC -48V at option
- Power consumption: \leq 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

