E1/T1 (2Mbps) Optical Modem:

Introduction

E1/T1 fiber optic modem converts an E1/T1 electrical signal into an optical signal. Converted signal is transmitted over fiber optic cable, extending the E1/T1 service range up to 100 km (62 miles). Supports various optical interfaces such as 850 nm for multimode fiber, 1310 nm for single or multimode fiber 1550 nm for extended range over single mode fiber.

The UTL PCE1-V.35 provides a new level of price/ performance in connecting bridges and routers to unstructured E1 G.703 2 Mbit/s leased lines.

Feature

- Transparent to E1/T1 framing (G.704)
- Operates over single mode or multimode fibers
- Includes front panel LED indicators for status monitoring
- Fiber optic modem, extending the range of E1/T1 services over fiber optic Cables up to 100 km
- Available as a plug-in card
- The modem supports activation of local and remote loop backs.
- Clocking modes are set by through a jumper setting, which allow the unit to be set up for all applications.

Power Supply

AC: 115V / 230 V 47 to 63 Hz,
DC: 24V / -48 V (-36 to -72 VDC)

Physical

H*W*D 1.7*7.0*8.0 (All dimensions in Inch)
Weight: 1.1 kg

Environment:

Temperature: 0 to 65°C
Humidity: Up to 90%

Standards

Complies with ITU G.704 and G.955 standards.

E1/T1 Interfaces

- Line coding HDB3 , B8ZS
- Framing G704 or unframed
- Bit rate 2Mbps , 1.544 Mbps
- Interface : E1 BNC (75 Ω) or RJ 45 (120 Ω),
  T1 100 Ω

Fiber interface

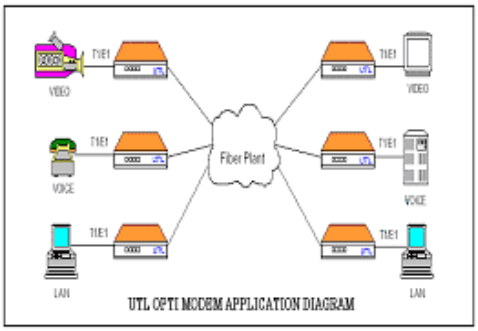
- Port V.35
- Bit rate 2Mbps
- Interface Connectors ST, SC or FC/PC

Status Indicators

- PWR ON
- OPTICAL AIS ON
- ELECTRICAL LOW ON
- ELECTRICAL AIS ON
- Alarm Relay Port

Application Ordering information

UTL-OPT-PX-IY



X	Power supply
48V	(36 - 72 V)
230 V	(185-265)
Y	Interface
E1	
T1	

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