PROTOCOL CONVERTER
MODEL: TPC 3020

INTRODUCTION

Telenet's TPC 3020 E1 to V.35 protocol converter can realize the bi-directional data transfer from E1 port to V.35.This equipment is widely used in communication network including WAN and LAN, realizing the transfer from E1 channel of SDH or PDH equipment to V.35 which maybe provided with router.

FEATURES

- ➢ E1 channel: both framed & unframed are OK, both 75 & 120ohm are OK
- ➢ Standard: G.703, line code: HDB3
- ➢ Alarm system for E1 loss
- ➢ Support local/remote loop test
- ➢ DB25 connector for V.35, in DCE mode
- ➢ Multiple clock selection: internal clock, V.35 line clock and E1 recovery clock
- ➢ Panel instruction for easy understanding of equipment working status
- ➢ Internal power supply, 220V AC and -48V DC optional
- ➢ Standalone and module at your selection

SPECIFICATIONS
E1 port

- ➢ Bit rate: 2.048Mbit/s+-50ppm
- ➢ Line code: HDB3
- ➢ Standard: Compatible with ITU-T G703
- ➢ Connector: BNC connector with line impedance 75ohm, RJ45 connector with line
- ➢ impedance 120ohm
- ➢ Jitter performance: in full compatible with G742 and G823

V.35 port

- ➤ Line code: NRZ
- ➤ Bit rate: 2.048 Mbit/s+-50ppm
- ➤ Connector: DB25female, with DB25/M34 transfer line
- ➤ Way of Connection: DCE
- ➤ Clock: Line Clock, Local clock

GENERAL

- ➤ Operating temperature: 0-50 °C
- ➤ Power Supply: -48VDC or 220VAC+-20%
- ➤ Dimension: 170mm(W)*133mm(D)*40mm(H)