

TEAMLINK 3002 FC

E1 to V.35 Interface Converter

TEAMLINK 3002FC provides an economical digital access solution for unframed & framed E1 (Fractional E1) network services. A flexible industry standard for G.703 (E1) & V.35 devices which may be linked to a Teamlink 3002FC at data rates of 64Kbps to 2048Kbps. User data is placed into the E1 frame, using only the required number of time slots. The main E1 link may be clocked from the recovered receive clock, from the data port clock or from the internal clock.

Technical Specifications

E1 Interface (G.703)

- Framing : Unframed, Framed
- Bit Rate : 2.048Mbps
- Line Coding : HDB3
- Line Impedance : 120 ohms,75 ohms (Optional)
- Interface Connectors : RJ – 45/Terminal Block, Two BNC Connectors (Unbalanced-Optional)
- Complies With : ITU G.703 and G.704.
- Supports Cascading to connect several DTEs to single E1 channel

User Data Interface

- User Interface : V.35, V.36
- Interface Connector : 34 pin female
- Line Code : NRZ
- Data Rate : 2048Kbps unframed, nx64Kbps framed

Timing Modes

- Clocks : Internal Clock, Recovered Clock and External Clock.
- Control Signals : CTS, DSR and DCD

Diagnostics

- LL : Local loopback Activation Through V.35.
- DL : Digital loopback Activation Through G.703.
- RL : Remote loopback,
- PATT : Pattern Generation Activation Through Built-in BER.

Front Panel Indications

- SYNC,RAI,AIS,E1 LOSS,PATT,ERR,TST,TD,RD,DTR,PWR.

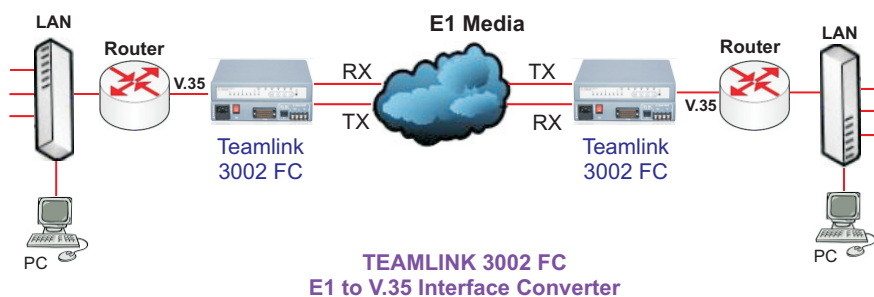
Power supply

- Operating Voltage : 230 VAC 50Hz,or -48V DC

Environment

- Temperature : -5°C to 50°C
- Humidity : 0-90% non-cond.

APPLICATION DIAGRAM



TE Team Engineers
Solutions in Connectivity
An ISO 9001 : 2008 Company

Plot No. A-1/2/A,
Industrial Park ,Uppal,
Hyderabad - 39,AP(India)
Phone : +91-40-27204730 / 4873 / 4874,
Fax : +91-40-2720 4731
e-mail : info@teamengineers.in
www.teamengineers.in