

TEAMLINK 3002 HA

2 Mbps Digital Modem/Line Driver

The TEAMLINK 3002HA is a HDSL (High bit rate Digital Subscriber Line) Technology based full duplex 2.048Mbps. Digital Modems/Line Drivers used for data transmission over unconditional twisted copper cable. The Teamlink 3002HA provides the Point-to-Point Digital Connectivity over leased lines through Telecommunication Network or privately owned circuits to interconnect exchanges, workstations or networking equipment located at two different places.

Features

- Available in Stand-alone and Rack Versions
- Mixed Gauge Wires and bridge taps are permitted
- Faster and Simpler to install
- Optional Remote Power Feed support.
- 230V AC and -48V DC Power Supply
- Remote power feeding (Optional)
- Network Management Support

Technical Specifications

HDSL Line Interface V.35 Interface

- Complies with ETSI Standard
- 2B1Q Line Coding
- Two Pairs Un-loaded Twisted Copper Cable
- Line Impedance : 135 Ohms.
- Range : up to 6 Km. Over 0.5 mm (24 AWG) Copper Cable
- Adaptive echo cancellation
- Line Protection : Over Voltage and Over Current
- Connector Type : RJ-45/Terminal Block

E1Interface (G.703)

- Complies with ITU-T G.703 / G.704

- Two Pairs (Transmit Pair, Receive Pair)
- HDB3 Line Coding
- Line Impedance : 120 Ohms or 75 Ohms, (Optional)
- Framed or unframed signals
- Connector Type : RJ-45/Terminal Block
- Clock Source: Internal, Recovered Clock

V.35 Interface

- 34 - Pin Female Connector
- Clock Source : Internal/External/Recovered Clock
- DCE Interface

Diagnostics

- LL: Local Loop Back
- RL : Remote Loop Back
- DIG : Local Digital Loop Back

Diagnostics

- Pwr
- HDSL Line Status (Pair – wise)
- Loop Reversal
- E1 Line Status (G.703)
- Error/Tst
- External Clock
- TD,RD,DTR,RT (V.35)

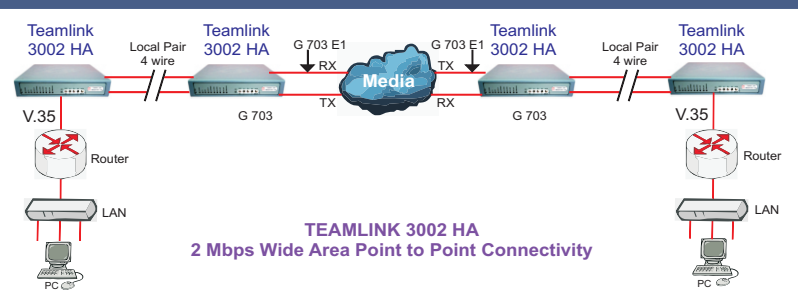
Power Supply

- Stand-alone Unit : 230V AC 50Hz / -48VDC
- Rack Version : 230V AC 50Hz / -48V DC

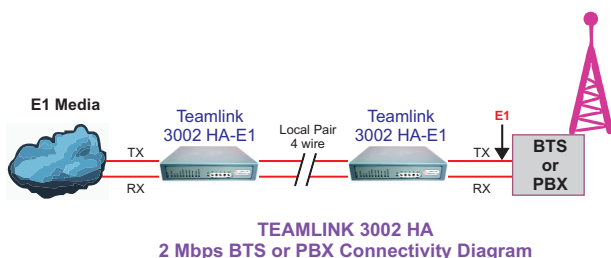
Environments

- Operating Temperature : - 5°C to 50°C

APPLICATION DIAGRAM



APPLICATION DIAGRAM



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