

TEAMLINK 3002 SHDSL

LAN Extender

TECHNICAL SPECIFICATIONS

G.SHDSL LINE INTERFACE

Line type : 2Wire (single pair operation)Line Code : TCPAM as per the ITU-T G991.2

Line Impedance : 135 Ohms

Connector : RJ45

Transmit Signal Power: 3.5dBm +/- 0.5dBm

Operating Range: 6Km on 0.5mm dia copper cable @ 2.048Mbps in 2 wire operation, 7.5Km on 0.5mm dia copper cable @ 2.048Mbps in 4 wire operation and 11Km on 0.5mm dia copper cable @ 64Kbps in 2 wire operation.

Auto adjustment of operational speed, depending upon line condition.

Line protection : As per ITU-T K20 and K21

Transmit Level : Upto 14dBm

Line Code transmission

Specification : ANSI T1.601

Connector: RJ 45 and 3 Pin terminal Block.

Supports speed of 144Kbps for distance coverage upto 8 K.M on 0.5mm dis single pair.

ETHERNET INTERFACE SPECIFICATIONS

- No. of Ethernet ports: 4 (4 Port Switch), RJ45 connectors for UTP cables
- Interface Compliance : IEEE802.3 Compliant
- 10Base-T and 100Base-TX support
- 2 K MAC address level filtering
- Transparent Ethernet Bridge, Auto learning and aging
- Auto Speed Sensing
- Auto polarity detection
- Ethernet Ports Enable / Disable Selection.
- Support VLANS.

DIAGNOSTIC TESTS

- Local Loopback, Digital Loopback and Remote Loopback as per the V.54
- Built in test 511 pattern generation and checking.
- Diagnostics & Monitoring through EOC Channel without interfering data transmission.
- Loop backs, test pattern generation and checking using front panel switches.
- SNMP Management Port & TELNET.
- BUILT-IN POWER: 230V +/- 10% A.C., 50Hz Power Supply Ordering time option for -48VDC Power Supply.
- TEMPERATURE: 0 To 45°C



MODEM CONFIGURATION

- Management port operating speed 11500, No Parity and stop Bit.
- Loop back, pattern generation, configuration and status monitoring shall be through switches and also through SNMP(Simple Network Management Protocol) and TELNET using Ethernet Management port.
- LED INDICATIONS : PWR, MR, COT, DSL LINK, ETH LINK ACT, SPD, PAT, ERR, TST, NMR
- HUMIDITY: Upto 95% non condensing at 35°C

TEC Approval: As per IR/DCA-18/04. Oct 2005



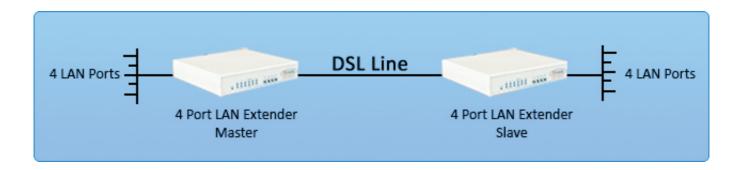
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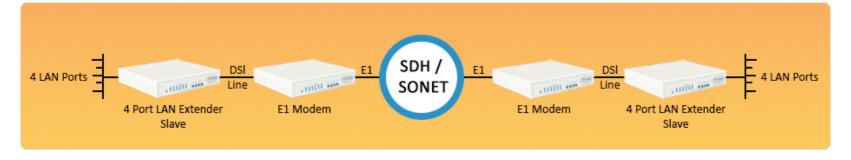
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FEATURES

- Embedded Operational channel(EOC) for controlling and monitoring remote unit
- Provides multi stage line protection as per K.20 and K.21
- External Secondary optional Line Protection Device
- Long reach up to 11Km for standard 64Kbps speed
- Interchangeable user interface cards in the same modem and field upgradeability
- User interface cards can be ordered optionally depending on the field requirement
- Visual indications to know the status of Line, Ethernet and Power.
- Noise Margin Indication for sensing line quality
- Status monitoring using SNMP & TELNET
- Rugged Metallic Aluminum casing
- AC and DC built-in power supply

APPLICATION DIAGRAM







Team Engineers Advance Technologies India Pvt. Ltd.

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