
TEAMLINK 5300 SHDSL.Bis MODEM

Features:

- ❖ Built-in Four Port Ethernet
- ❖ Manual and Adoptive speed configurations over SHDSL Line
- ❖ Supports 4Kms. at 5.7Mbps speeds and 10Kms. at 192Kbps speeds
- ❖ End to End EOC monitoring for the Loopbacks and Status Monitoring
- ❖ Remote Ethernet Ports Status Monitoring through EOC channel without interrupting the data path
- ❖ Supports EFM Bonding over the SHDSL lines
- ❖ Supports All Annexes of SHDSL Lines
- ❖ Supports TCPAM-16/32/64/128

SHDSL Line Interface Specifications

- ❖ 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 up to : 16.8dBm
- ❖ Line protection : As per ITU-T K20 and K21
- ❖ Specification : ANSI T1.601
- ❖ Line Probe : Enable and Disable Function Enables the automatic Speed Adoption facility
- ❖ Distance : Supports 4Kms. at 5.7Mbps, 10Kms. at 192Km, 6Kms. at 2Mbps Speeds

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
- ❖ High Performance Look up engine with the support for 1024 MAC address entries with the automatic learning and aging
- ❖ Each Ethernet Port statistics Transmit, Receive, Error, FCS, Packets Display
- ❖ Bridging Protocol Supported: Ethernet Over First Mile EFM Protocol
- ❖ Supports Auto negotiation and the Auto Cross Over for each and every port
- ❖ Supports Speed, Link and Activation on each Port

Management

- ❖ Menu Driven Console from RS232 Serial Port Operating with the 9600Baud Rate
- ❖ Supports Telnet, SNMPv1, SNMPv2
- ❖ Supports HTTP for configuration and Status Management of the SHDSL line as well as the Four port Ethernet switch

RS232 Serial Ports Specifications

- ❖ Baud Rate: 115.2Kbps, 8, N, 1 Format
- ❖ Supports VT100 Emulation with the Menu driven Self Guided

Front Panel Indications

- ❖ PWR, COT/ RT, DSL_LNK, TEST, ALM, Ethernet Ports Speed, Link and Activation

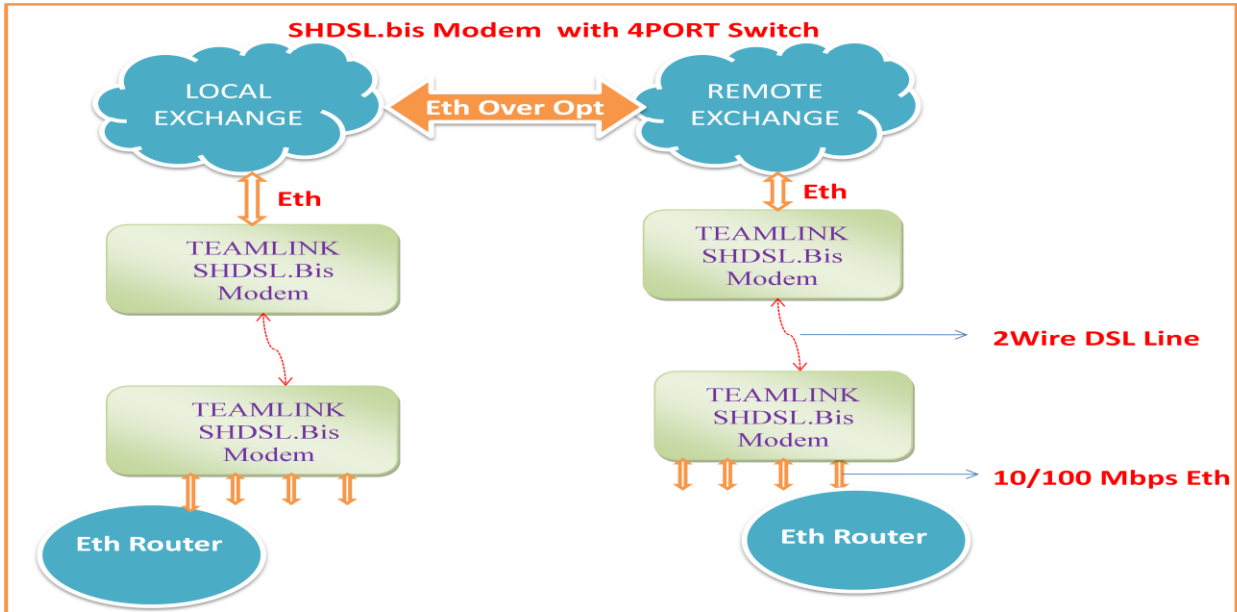
Power Supply

- ❖ Operating Voltage 230VAC 50/60 Hz Operation and 48V DC
- ❖ Single Power Supply supports both the AC and DC voltages

Environment

- ❖ Operating Temperature: -5 to 50 Degree Centigrade

Application Diagram:



Application Diagram-II

