

SHDSL.Bis MODEM

FEATURES

- Built-in Four Port Ethernet Switch
- Manual and Adoptive speed configurations over the SHDSL Lin
- Supports 3.5Km on 5.7Mbps in 2 Wire Operation and 11.4 Mbps speed in 4 Wire Operation.
- Supports TCPAM-128 For 15Mbps and 30Mbps speeds.
- End to End EOC monitoring for the Loopbacks and Status Monitoring
- Remote Ethernet Ports Status Monitoring through the EOC channel without interrupting the data path
- Supports EFM Bonding over the SHDSL lines.
- Supports All Annexes of the SHDSL Lines.
- Supports TCPAM-16/32/64/128
- Support STP/RSTP
- Supports 15Mbps in 2 Wire Operation and 30Mbps in 4 Wire Operation.

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 up to : 16.8dBm
- Line protection : As per ITU-T K20 and K21
- Specification : ANSI T1.601
- Line Probe : Enable and Disable Function will Enables the automatic Speed Adoption facility.
- Distance : Supports the 3.5Km at 5.7Mbps in 2 Wire Operation and 11.4Mbps speed in 4 wire Operation
- Supports 15Mbps speed in 2 Wire Operation and 30Mbps speed in 4 Wire Operation.

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 the 1024 MAC address entri
- 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.
- Speed, Link act Indications on Ethernet Ports

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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 SDHSL line as well as the Four port Ethernet switch.

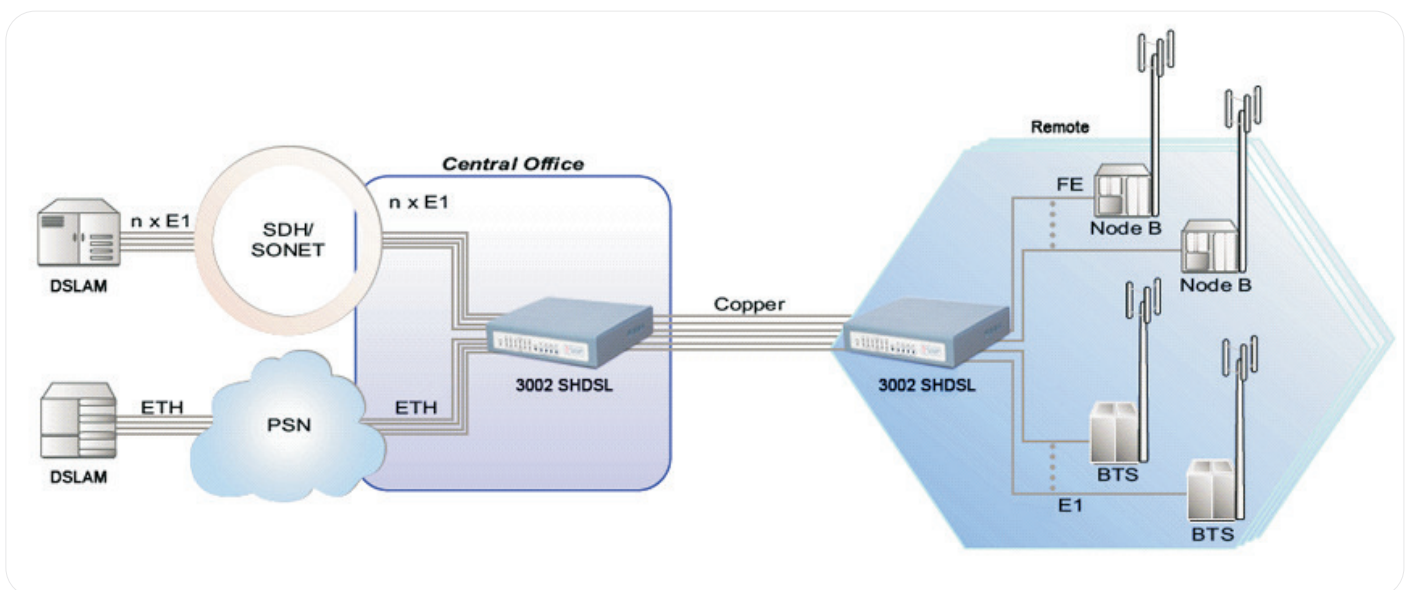
Rs232 Serial Ports Specifications

- Baud Rate: 115.2Kbps, 8, N, 1 Format.
- Supports VT100 Emulation with the Menu driven Self-Guided.
- **LED INDICATIONS** : PWR, COT/ RT, DSL_LNK, TEST, ALM, Ethernet Ports Speed, Link and Activation
- **BUILT-IN POWER** : DUAL MODE AC/DC, 100 to 240VAC +/- 10%, 50 to 60 Hz & -24/-48VDC +/-10%
- **TEMPERATURE** : -5 To 70°C
- **HUMIDITY** : Up to 90% non condensing

ODERING

- Teamlink 3002 ILE SHDSL.Bis MODEM
- AC/DC power cord or adapter plug

APPLICATION DIAGRAM-I



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APPLICATION DIAGRAM-II

