

**E1,T1/SHDSL modem [AD-207D]:**

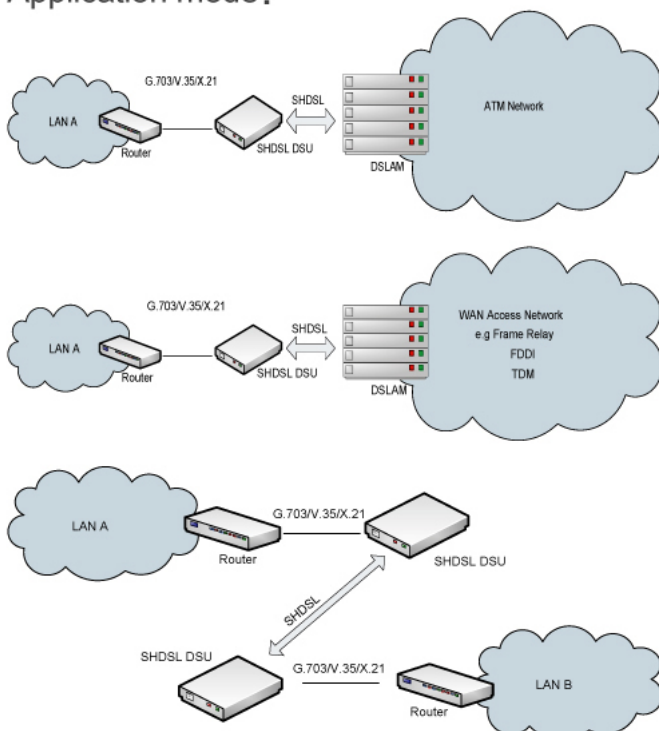
|| Outline:

Based on the ITU-T G.991.2 G.SHDSL standard, the AD207D Single-pair High-speed Digital Subscriber Line (SHDSL) product series provides a TDM-based transport infrastructure for Public Network WAN access, high-speed Internet access, LAN-to-LAN connectivity and other high-speed data access applications. It is idea for Network Service Providers who wish to deliver high-speed network data to their customers. The SHDSL front end provides symmetrical data rates 1552/2056 Kbps with fixed rate based on T1/E1 data rate (1544/2048 Kbps). The AD207D can be configured to inter-operate with SHDSL DSLAM or to fit Point-to-Point data transmission application by flexible COE/CPE configurations.

**Main Features :**

- ◆ High Speed Symmetrical Data Transmission on Single Twisted Copper Pair Wire ;
- ◆ SHDSL Line Code : PAM ;
- ◆ T1/E1 with G.703 interface provide framed or unframed transport service ;
- ◆ High performance , simple operation, low power consumption ;
- ◆ Compatible and interoperable with major Central Office side symmetric DSL DSLAM ;
- ◆ Local OAM&P via RS-232 Craft port or by telnet through 10BaseT port ;
- ◆ Provide loop-back function for easy maintenance .

**Application mode:**



**4ETH/SHDSL modem [AD-102R]:**

|| Outline:

This is a 2-Wire SHDSL CPE that complies with PAM16 Line Code, G.991.2, and G.994.1 standards, and is equipped with an Ethernet switch with four 10/100BaseTX auto-sensing ports. The SHDSL Router provides basic Internet access via a 10/100Mbps Ethernet switch, and a SHDSL WAN port with routing function over SHDSL.

**Main Features :**

- ◆ High Speed Symmetrical Data Transmission on one Pairs of Twisted Copper Wire ;
- ◆ Provide the broad range of Symmetrical Multi-rate Data Transmission from 144 Kbps up to 2.3 Mbps ;
- ◆ Support PPPoE (RFC2516), PPP (RFC2364) and IP (RFC 2225/RFC1577) over ATM over SHDSL ;
- ◆ RFC2684 (RFC1483) Bridged/Routed for both LLC/VC MUX ;
- ◆ Support IP unnumber ;
- ◆ Local OAM&P through command line interface via RS-232 Craft port ;
- ◆ Configuration and management by local Telnet, SNMP, and WEB Browser through the Ethernet interface and remotely through SHDSL interface.

**Application mode:**

