xDSL-G.SHDSL - G.SHDSL-BIS 1, 2, 3, or 4 pairs
2,3 - 22,8Mbps

S-Access

AccessDSL

New Generation Modem Family

Main Features

- G.SHDSL and G.SHDSL-bis
  (One, two, three or four pair)
- E1, N*64 and Ethernet Interfaces
- Multi-service
- Multipoint
- Ethernet 10/100BaseT, Bridge, Router
- Voice Interfaces (IAD) functionality)
- Voice over IP
- Add Drop Repeaters (2.3 / 5.7Mbps)
- 1, 2 and 4 port LTU's
- Remote or Local Power
- Tabletop
- Mini-rack
- VT100, Telnet , WEB or SNMP Management
- Wetting Current
- Extended Temperature Range
- Easy software upgrade with Flash Loader
- High Quality, High Performance

The AccessDSL Series of Symmetrical DSL Modems

AccessDSL is a wide range of DSL modems targeted to meet both typical carrier applications and access network needs. AccessDSL is a flexible DSL solution. Depending on your country or PTT requirement as well as your own technology preference one may choose within AccessDSL series G.SHDSL or G.SHDSL-bis line coding options. Several user interfaces include G.703/704, N*64(V.35, V.36, X.21), 10/100BaseT, RS232/485. Following the operators trend to provide voice and data services in one package, AccessDSL supports Integrated Access Device (IAD) functionality providing 4 or 8 voice interfaces in parallel with data transmission. Modems of the AccessDSL series can be delivered in different types of mechanics designed to meet CO, campus and SOHO needs: a subrack plug-in card version for installation into universal 19″ 6U AccessDSL subrack, different miniracks and a stand-alone version for desktop use.

The AccessDSL Modems – Technology

AccessDSL G.SHDSL New Generation Modems are based on the latest developed DSL line technology-TC-PAM. TC-PAM was designed to provide both superior distance and full electro-magnetic spectral compatibility with other DSL services running in one cable. TC-PAM is documented in the standards of ANSI HDSL2 as well as ETSI SDSL. The AccessDSL Equipment uses the international ITU G.SHDSL and G.SHDSL-bis standard for symmetrical 1-pair-high-speed data transmission over existing copper pair. An advantage of this technology is also the interoperability between several manufacturers of transmission devices.

AccessDSL provides high availability even for harsh environment due to features like wetting current and the choice of extended temperature range of the components used. The possibility of various line-codes, one or two pair operation and availability of repeaters allows covering nearly all applications. All units have their own on-board microprocessor, DC/DC power converters and clock recovery circuits, resulting in extremely high overall system reliability.