24 Port SHDSL Module
8985-B2-000

Overview

The 8985 SHDSL module brings the G.shdsl standard to the BLC family for mass symmetric DSL services deployment. From a single module, multi-services (ATM, IP, frame relay, and leased line) can be provisioned. The 8985 SHDSL moduleis a high-density 24 port module utilizing standard G.shdsl (ITU G.991.2) technology, with support for a wide variety of Paradyne and industry-leading, third-party endpoints. Advanced applications like circuit emulation services (CES) for T1/E1 replacement, voice over IP (VoIP), and service level managed Frame Relay over DSL (FRoDSL) can now be economically deployed with extraordinary levels of reliability to support the most demanding service performance guarantees.

The 8985 SHDSL module is supported in both 8820 and 8620 Broadband Loop Carriers and is interoperable with a wide range of endpoints that support the G.SHDSL standard. Flexibility is also delivered through support of multiple data rates providing tiered service levels to customers from 192 Kbps to 4.6 Mbps in 64K increments.

Features

- Support for speeds from 192Kb to 4.6Mb

- Multi-service line card supports a multitude of applications from leased line replacement to VoIP

- High-density 24 port module for operation in 8820 and 8620 BLCs

- High performance transcievers for optimal performance on long loops

Benefits

- Multi-service module supports different services on a port by port basis

- Standards based SHDSL supported by numerous Paradyne and third party CPE

- Support for 2 wire mode (2.3 Mbps) and 4 wire mode (4.6 Mbps) enabling the delivery of multi-megabit services

Specifications

Dimensions
11.5 in. H x 0.8 in. W x 10.4 in. D
(28.32 cm H x 2.03 cm W x 26.42 cm D)

Weight
2.0 lbs. (0.9 kg)

Interfaces
50 pin Amphenol on rear of 8820 or 8620 chassis

Standards Support
G.SHDSL: ITU G.991.2
G.994.1 (Hand Shake protocol)

Management
Integral SNMP Agent
Supports MIB II (RFC 1213 and RFC 1573), ATM MIB (RFC 2515), M4 MIB (ATM Forum SNMP M4 Network Element View), Paradyne Enterprise MIB

Bandwidth/Distance
DSL line rates: 192 Kbps to 4.6 Mbps in increments of 64 Kbps

Maximum transmit power: 15 dBm at max. line rate
Media: Unshielded, non-loaded twisted copper pair
Termination impedance: 135 ohms (nominal)

Regulatory Compliance
Customer and network protection: UL, CSA, TUV, FCC Part 15 A, CISPR22 A, EN 60950, EN 50092-1, ANSI, ITU-T, VCCI, CE Mark, NEBS Level 3

Operating Requirements
Operating temperature: 0C to 60C
Storage temperature: -40C to 70C
Relative humidity: 5% to 95% non-condensing

Ordering Information

8985-B2-000	G.SHDSL 24 PORT LINE CARD SCP ONLY

PARADYNE
by ZHONE

For additional information on this or any Paradyne product or service, contact the office nearest you or dial 1.800.727.2396 (USA and Canada) or 1.727.530.8623; fax 1.727.530.8216. For international locations, visit the Paradyne web site at http://www.paradyne.com