

Corecess Inc.

FCC ID QB3CORECESS3311N

-Operational description-



Introduction

The Corecess 3311N and Corecess 3312 N are Single-pair High-speed Digital Subscriber Line (SHDSL) modems used for connection to the Internet or corporate intranets over ordinary telephone lines.

Key Features

The Corecess 3311N and Corecess 3312N SHDSL modem provides the following key features:

- Provides auto-negotiating 10/100Base-TX Ethernet interface.
- Provides SHDSL interface supporting the following data transmission rate:
 - Corecess 3311N : up to 2.3 Mbps for both upstream and downstream (2-wire mode)
 - Corecess 3312N : up to 4.6 Mbps for both upstream and downstream (4-wire mode)
- Supports both symmetric and asymmetric services.
- Supports both adaptive and fixed data rate modes.
- Supports both server (CO) and client (CPE) operation modes.
- Supports PPPoE, PPPoA, IPoA, RFC 1483 bridged/routed protocols.
- Supports static routing and dynamic routing (RIP v1 and RIP v2)
- Supports DHCP (Dynamic Host Configuration Protocol) server and client for dynamic IP address allocation.
- Supports DNS (Domain Name Server) client and relay for easy mapping the domain name and IP address.
- Supports NAT (Network Address Translation) for conservation of registered IP addresses.
- Supports Telnet and HTML browser interface for configuring the SHDSL modem.
- Can upgrade the latest modem software remotely using TFTP or FTP.
- Supports Back-to-Back Connections for high-speed LAN extensions over a private network.