RXT-2600 SHDSL.bis Module

SHDSL Testing

RXT-1200

Modular Test Platform

Business Class Services and Mobile Backhaul Deployment for SHDSL networks

The RXT-2600 SHDSL.bis module supports both standard ITU-T G.991.2 and enhanced SHDSL.bis data rates for one to four copper pairs.

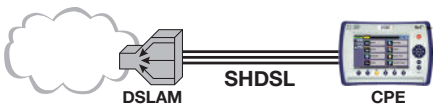
Key Features

- CPE Emulation for standard SHDSL and SHDSL.bis
- Extended SHDSL.bis line rates: Symmetrical 5.7 Mbps per pair
- Key DSL metrics including Data Rate, SNR Margin and line errors
- Single pair mode for EFM and ATM
- SHDSL/EFM mode for Ethernet based services, offering higher data rates and superior reach over legacy E1/T1 based services
- Legacy 4-Wire SHDSL/ATM Standard and Enahnced Modes
- EFM Bonding up to Four Pairs (up to 22.8 Mbps for 4 Pairs)
- CO Emulation for line pre-qualification tests using real SHDSL signals

SHDSL Standards

- ITU-T G.991.2 SHDSL Annex B (Europe), Annex A (North America) and ETSI TS 101 524
- SHDSL.bis: Extended Data Rate support per Annex G (Europe) and Annex F (North America)
- Line Codes: 16-TCPAM and 32-TCPAM
- Modes: STU-R CPE and STU-C CO
- SHDSL/EFM per IEEE 802.3ah, with EFM pair bonding up to 4 Pairs (8-Wire) per ITU G.998.2
- Legacy SHDSL/ATM 4-Wire Standard and Enhanced Modes

Applications



DSL Features

Line Rate and Data Rate
SNR Margin
Attenuation
Transmit Power
Raw SNR
CRC, ES, SES, UAS
SHDSL System Loopbacks
Alarms Threshold
Event Tracer

IP Data SW Suite Features (optional)

DSL and 10/100 Ethernet Interface Terminate Mode
PING Statistics
  Sent, Received, Loss Rate, Round Trip Delay
Trace Route

Test Ports

DSL Interface: Four RJ-45 ports for Pairs 1, 2, 3, 4
Ethernet Interface: RJ-45

General

Size	208 x 152 x 30 mm (W x L x H) 8.2 x 6 x 1.2 in
Module Weight	0.68 kg (1.5 lbs)
Operating Temperature	0˚C to 50˚C (32˚F to 122˚F)
Storage Temperature	-20˚C to 70˚C (-4˚F to 158˚F)
Humidity	5% to 90% non-condensing

VeEX Inc.
2827 Lakeview Court
Fremont, CA 94538 USA
Tel: +1.510.651.0500
Fax: +1.510.651.0505
www.veexinc.com
customercare@veexinc.com

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