

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.



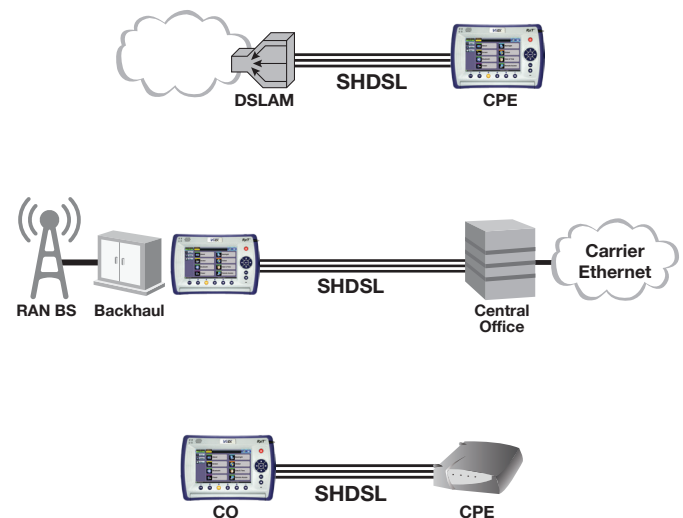
Key Features

- 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 Enhanced 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

© 2015 VeEX Inc. All rights reserved.
 VeEX is a registered trademark of VeEX Inc. The information contained in this document is accurate. However, we reserve the right to change any contents at any time without notice. We accept no responsibility for any errors or omissions. In case of discrepancy, the web version takes precedence over any printed literature.
 D05-00-097P A00 2015/02