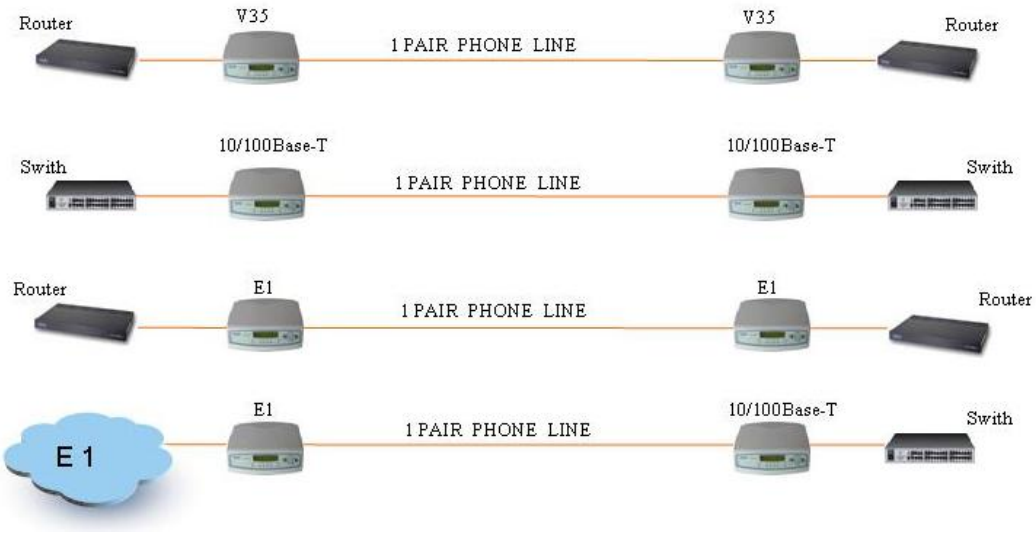
VATEL ACC-3000 G.SHDSL MODEM

ACC-3000 implemented Trellis Coded Pulse Amplitude Modulation (TC-PAM) scheme supporting full duplex symmetric data rate of Nx64 Kbps over twist pair line. ACC-3000 series family has three different models; standalone, rack mount and chassis model. Both standalone and rack mount model can be configured as CO or CPE mode to deploy in point to point application environment. Chassis model, as CO mode, support multi-point and hybrid networking interface (E1/T1/V.35/Ethernet) application scenario. Maximum transmission distance reached 8km and 64kps, based on 24AWG cable.

Key Features and Benefits :

- Support ITU-T standard G.991.2 Annex A and B, E1/T1/V.35/Ethernet interface
- 2/4 wire mode selectable
- Alarm, performance, configuration, and security management provided
- Firmware upgradeable
- Built in self-test, loopback and QRSS functions
- Menu-driven Console management
- Log-in and password security protection
- Symmetric high-speed data access over single-pair or two pairs of twist copper wires
- Under TCPAM scheme, support multi-rate (N*64Kbps) full duplex transmission; 2 wire-mode 192 to 2312 kbps, 4-wire mode 384 to 4624 kbps.
- Transmission distance up to 7 Km (24 AWG)
- The most cost-effective solution for T1/E1 line replacement.
- E1/T1/V.35/Ethernet network interface hybrid coexistence in one chassis

Application Scenario :



Specification

Self type		
	Number of cards:	16 slots, one MIU plus up to 15 G.SHDSL line cards
	Port density:	1 port/line card
	Network interface:	Ethernet, EIA-530, T1 and E1; V.35, RS-449 and X.21 needs conversion cable
	Connection:	Front access for Management and Network interface
	Management:	LED indicators
		CID/RS232
		SNMP agent, management IP control list
		Telnet/Web-based GUI
	NMS:	Snmp-based GUI manager
	Power requirement:	-36VDC~-72VDC
	Dimension:	308mm(H)×483mm(W)×336mm(D)
	Loop connection:	RJ-45 or Wire wrap pins
Standalone type		
	Number of G.SHDSL lines	One line per unit
	Network interface:	Ethernet, EIA-530, T1 and E1; V.35, RS-449 and X.21 needs conversion cable
	Management:	LED indicator, Power, DSL, Link, Alarm, Test and other CID/RS-232
	Power requirement:	100V~240 VAC
	Dimension:	35mm(H)×210mm(W)×193mm(D)
	Loop connection:	RJ-45
Loop Interface		
	Number of wire	Two wires
	Standard	Comply ITU-T G.991.2 Annex A and B
	Line impedance	135 ohms
	Payload rate	192K, 256K, 384K, 512K, 768K, 1024K, 1168K, 1280K, 1544k, 2048K, 2312Kb/s for V.35 and Ethernet interfaces
	Transmission distance	4.1~7.1 km (0.4 mm wire)
Ethernet Interface		
	Bridge support	4k hash table
	Payload rate	N×64kb/s, 3≦N≦36
	Connector	RJ-45
V.35 Interface		
	Data rate	N×64kb/s, 3≦N≦36
	Clock source	Internal, DSL or DTE
	Connector/Role	ISO-2593 female/DCE
E1 Interface		
	Line code/interface	HDB3/ITU-T G.703.2 MB/s
	Frame format	Framed and transparent G.704
	Payload rate	N×64kb/s, 3≦N≦32

	Line impedance & connector	DB 15 pin for 120 ohms
T1 Interface		
	Line code/interface	B8ZS, AMI/ANSI T1.403, 1.544 Mbps
	Frame format	SF, ESF and Transparent
	Payload rate	N×64kb/s, or N×56kb/s 3≦N≦24
	Line impedance & connector	DB 15 pin for 100 ohms
Environment		
	Storage Temperature	-40℃~60℃
	Storage Humidity	5%~95%
	Operating Temperature	0℃~60℃
	Operating Humidity	5%~95%, none condense
Maintenance		
	V.54 remote loopback	Built-in
	QRSS pattern generator	Built-in

Contact US:

Beijing Senrunda Century Information Technologies Co,.Ltd
Steven Wang
MOB:+86-18901275566
TEL:+86-10-59795789 63380426 63380427
FAX:+86-10-63380427ext8899
E-mail:w12h12j@126.com
WEB:http://www.srdit.com http://www.srdinfo.com