

Atrie WireSpan 5100

G.SHDSL Access Unit



Features

- Comply with ITU-T G.991.2 (G.SHDSL)
- Support auto data rates adaptation between 64K and 4608K (N=1~72)
- Device Operates in CO mode or CPE mode configurable
- Versatile user interface : V.35, E1/T1, E1/T1 Fractional interface, Ethernet interface
- Full remote control capability and status monitor via SHDSL Embedded Operation Channel
- Provide SHDSL and T1/E1 performance monitoring, alarm log record
- Built-in test pattern generator / detector
- Provide sealing current on SHDSL loop
- Easy to installation on desktop or mounted in 19" rack
- Dual power supply system for width range AC / DC application
- Control via RS-232 management port (VT-100)
- Software flash upgradeable via X-Modem protocol

Wire Span 5100 Specifications

DSL Line		Clock Option	
Rate-Selectable High speed Digital Subscriber line capable of full duplex symmetric operation up to 4624Kbps		Clock Source	Internal, External (DTE1,DTE2),Loop
Line Rate		Management	
64Kbps up to 2312Kbps or rate adapting (2W Mode)		Configuration	SNMP, Console ,LCD Display & 4xkeypads,telnet
64Kbps up to 4624Kbps (4 W Mode)		Console Interface	EIA-232C,D-SUB9F
Line Code		Alarm	use IED(Local & Remote)* LCD
16-TCPAM comply with ITU-T Rec		LED Indicator	PWR,LOP,LOC,REM,TST,SYN,LNK,ACT
G.991.2 Annex A & Annex B		Diagnostic	NLB,PLB,LLB,RLB
Line Type			ITU-T RecV.54
Unconditional twisted pair(2 Wire or 4 Wire)			Built-In PRBS(11Satge)generator & detector
Line impedance		Physical Dimentions	
135 Ohms		257mm(W)x266mm(D)x60mm(H)	
Bit Error rate		Power Requirement	
1x10E.7,or Better		Input Voltage	
Connector		100~240VAC@50/60HZ+3hz or -36~-72 VDC.	
RJ 45 / Mini-terminal Block		Safety	
Sealing Current		meet IEC 1000-4-5Class 2 Surge immunity test for AC poer supply line	
1mA~120 Seconds		Power	
Suitable Protection		10W(MAX)	
FCC part 68, as per ITU K.20.K.21.		Enviroment	
DTE-1 E1		Operating	
Line Rate		Temperature	
2.048Mbps +50ppm.		0°C~60°C	
Line Code		Humidity	
HDB3/AMI		up to ~95% non-Condensing	
Line Impedence		Storage	
120Ohms Balanced		Temperature	
75Ohms Unbalanced		-20°C ~ 80°C	
Frame Format		Humidity	
PCM31/PCM31CRC PCM30/PCM30 CRC/UNFRAMED		up to ~95% non-Condensing	
Standard		Safety	
ITU-Trec.G.703,G.704,G.705,G.732,G.706		EMC/EMI	
Connector		FCCpart 15class A	
RJ 45 (Balanced) or BNC (Unbalanced)		CISPR part 22classA	
Fractional		Vibration	
Nx 64Kbps,N=1~32(2W Mode)		FCC 68.302	
Nx 64Kbps,N=2~32(4W Mode)		Reliability	
Idle Code		MTBF	
Insert "FF" or user setting		>4.5 years	
Range			
2Mbps on 24AWG 2W/4W:45000/6000meters			
DTE-2			
Terminal Data Rate			
Async:4.8k,9.6k,19.2k,38.4k,57.6k,115.2kpbs V.110 rate adaption			
Nx 64Kbps,N=1~72.			
Impedance			
100Ohms			
Standard			
V.35,X.21,E1A530			
Connector			
M34 ISO 2593,34 Pins females			



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