CopperJet 412

SHDSL Router

Allied Data
TECHNOLOGIES
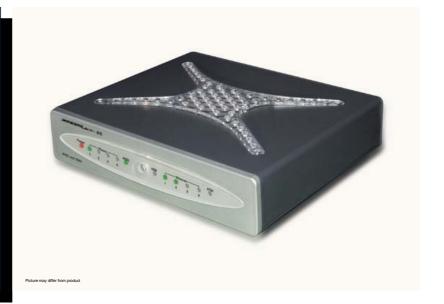
Features and Benefits

- **SHDSL ITU G.991.2 Annex A, B**

- **User friendly webserver interface**

- **Symmetric data rates of 144 kb/s to 2320 kb/s**

- **Installation Wizard**

- **Stateful inspection firewall**

- **Back-to-back support**

Picture may differ from product

CopperJet 412

The CopperJet 412 is a SHDSL Bridge and Router based on ITU G.991.2 SHDSL Annex A and Annex B technology designed to address the high-speed delivery of a large amounts of data through regular copper phone wires. With the CJT 412 users can benefit from state of the art SHDSL connections for their business applications.

The CJT 412 provides full layer 3 Routing, layer 2 Bridging and combines software security for added versatility. It supports back-to-back connections making it ideal for private leased lines on a single copper pair.

This latest development from Allied Data Technologies provides a very cost effective solution for those users who demand a secure and reliable SHDSL Bridge/Router with an Ethernet connections to their appliances.

DS412_2.1

LAN Specifications

- Ethernet 10BaseT (IEEE 802.3) RJ45
- Bridging: IEEE 802.1d with spanning tree
- Routing: Default, Static, RIP1, RIP2
- DHCP: Server, Client, Relay

WAN Specifications

- SHDSL Annex A and B RJ11
- ITU G.991.1
- ITU G.991.2
- ANSI TR-28 Single pair
- ANSI T1.418 HDSL2
- ITU G.994.1 (G.hs)
- 2B1Q or PAM line codes

ATM

- ATM AAL 5
- UBR, CBR, VBR-nrt, VBR-rt
- VPI Range (0-4095) and VCI range (1-65535)
- Support up to 8 PVCs in bridge mode
- Support up to 5 PVCs in router mode
- Support OAM F4/F5 loopback
- RFC2684 (RFC1483), multi-protocol over ATM
- RFC2225 (RFC1577), IPoA
- RFC2364, PPP over ATM
- RFC2516, PPP over Ethernet (over ATM)

Management

- SNMP V1, V2, MIB I, MIB II
- Webserver interface
- TELNET
- Dying Gasp

Security

- Stateful Inspection Firewall
- Intrusion Detection
- Denail Of Service protection
- De-Militarized Zone
- NAT/NAPT

Certification / Homologation

- CE mark
- IEC 60950
- FCC part 15 class B
- FCC part 68
- UL 1950

Interoperability

- Interoperable with major DSLAM manufactures.

Visual Indicators

- Power
- LAN: Ethernet
- WAN: DSL

Product Package

- CopperJet 412
- RJ45 Ethernet Cable
- RJ11 Cable
- Installation CD-Rom
- Installation manual on CD
- Power Supply

Operating System

- Ethernet: System independent including Windows Linux and MAC

Environmental

- Power Supply: External 115-230 VAC, 50 - 60 Hz , 10 Watt
- Operating Temp: 0C - 40C
- Storage Temp: -10C - 70C
- Operating Humidity: 5% - 90% non-condensing
- Dimensions (W x H x D): 202mm x 50mm x 176 mm
- Weight: 0.5 kg

Line Rate (kb/s)	No Noise	
	26 AWG	
	kft	km
144	26.0	7.9
200	21.4	6.5
392	19.9	6.0
520	18.7	5.7
776	17.5	5.3
1032	16.6	5.1
1168	15.8	4.8
1544	14.0	4.2
2056	13.0	3.9
2312	12.5	3.8

Front panel

CopperJet 412

Eth   DSL Power

Back panel

PWR   LINE   ETH

http://www.allieddata.com/

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