

# SIEMENS

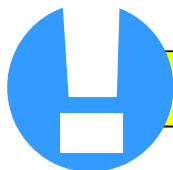
## SIEMENS ADSL C-010 / C-010-I

The SIEMENS ADSL C-010(-I) is an ADSL broadband access device which allows easy and fast ADSL connectivity for home or office users. The SIEMENS ADSL C-010(-I) is designed to offer cost-effective high-speed services. It provides a downstream rate of up to 8 Mbps and upstream rate of up to 1 Mbps for ADSL connection, even offers auto-negotiation capability for different modulations (G.dmt, G.lite, or T1.413 Issue 2) according to central office DSLAM's (Digital Subscriber Line Access Multiplexer) settings. With this modems users can enjoy various bandwidth-consuming applications via ADSL.



ADSL Chipset	
Chipset vendor	Conexant
Chipset type	CX82310
Physical Characteristics	
Interface	<ul style="list-style-type: none"><li>- One Fast Ethernet Switch port (RJ-45, 10/100Mbps, MDI/MDIX Auto-Sensing)</li><li>- RJ-11 port for standard phone wire connection to ADSL service provider</li></ul>
Input Power	External power adapter with 12VAC, 800mA
Dimensions	187 x 142 x 30 mm
Weight	0.280 kg
LED indicators	PWR, DSL LINK, DSL ACT, 10M / ACT, 100M / ACT
ADSL standards supported	
Line Coding	Discrete Multi-Tone (DMT)
Standard Compliant	<ul style="list-style-type: none"><li>- T1.413 issue 2 (ANSI)</li><li>- G.992.1 (G.dmt) for Annex A and Annex B</li><li>- G.992.2 (G.lite)</li></ul> <p>It is able to operate in multimode - G.dmt, G.lite and ANSI - and the actual operating mode will be selected depending on the request from the DSLAM.</p>
Data Rate	Maximum transmission rate: <ul style="list-style-type: none"><li>- Downstream up to 8 Mbps</li><li>- Upstream up to 1 Mbps</li></ul>
ATM Adaptation Layer	Support AAL5
VCs	Support 8 Permanent Virtual Circuits (PVCs)
Service Class	UBR, CBR
OAM	ITU-T I.610 OAM Principles & Functions (include F4/F5)
Traffic Shaping	UBR, CBR, rt-VBR
ATM SAR	Segmentation and Reassembly

Management and Monitor	
Configuration	Web browser interface for easy configuration
Security	<ul style="list-style-type: none"> <li>- Password-protected System Management Terminal</li> <li>- PAP (Password Authentication Protocol)</li> <li>- CHAP (Challenge Handshake Authentication Protocol)</li> <li>- Firewall</li> </ul>
Firmware upgrade	Firmware upgrade via HTTP or FTP
Routing and Protocol	
RFC 2684 (ex-RFC 1483)	<ul style="list-style-type: none"> <li>- Multiple protocol encapsulation over AAL5</li> <li>- Support Logical Link Control (LLC) encapsulation</li> <li>- Support VC-based multiplexing</li> <li>- Support Bridged and Routed format</li> </ul>
RFC 2364	<ul style="list-style-type: none"> <li>- PPP over AAL5</li> <li>- Support LLC encapsulation and VC-based multiplexing</li> </ul>
RFC 2516	<ul style="list-style-type: none"> <li>- PPP over Ethernet Relay, PPP over Ethernet Client</li> </ul>
RFC 1577	<ul style="list-style-type: none"> <li>- Classical IP &amp; ARP over ATM</li> </ul>
RFC 1661	<ul style="list-style-type: none"> <li>- PPP Link Control Protocol (LCP)</li> </ul>
RFC 1332	<ul style="list-style-type: none"> <li>- Internet Protocol Control Protocol (IPCP)</li> </ul>
RFC 1334	<ul style="list-style-type: none"> <li>- PPP Authentication Protocol (PAP)</li> </ul>
RFC 1994	<ul style="list-style-type: none"> <li>- PPP Challenge Handshake Authentication Protocol (CHAP)</li> </ul>
RFC 2433	<ul style="list-style-type: none"> <li>- Microsoft PPP CHAP extension</li> </ul>
Additional Features	<ul style="list-style-type: none"> <li>- Internet Control Message protocol (ICMP)</li> <li>- Internet group Management Protocol (IGMP)</li> <li>- Network Address Translation (NAT)</li> <li>- Network Address and Port Translation (NAPT)</li> <li>- Dynamic Host Configuration Protocol (DHCP)</li> <li>- Supports Dying Gasp</li> </ul>
Certificates	<ul style="list-style-type: none"> <li>- CE, Declaration of Conformity</li> <li>- EMC : ETSI EN 300 386 v1.3.2/2002.12 EN 55022/1998, EN 61000-3-2/2000, EN 61000-3-3/1995 EN 61000-4-2/1998, EN 61000-4-3/1998, EN 61000-4-4/1995, EN 61000-4-5/1995, EN 61000-4-6/1996, EN 61000-4-11/1994</li> <li>- Safety : EN 60950:2000 (3<sup>rd</sup> Edition)</li> </ul>
Ordering number	<ul style="list-style-type: none"> <li>- SIEMENS ADSL C-010 (POTS): S1621-Z29-B</li> <li>- SIEMENS ADSL C-010-I (ISDN): S1621-Z28-A</li> </ul>



## Contact

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