

# Regulatory Information

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This appendix contains important telephone company and regulatory information you need to know when using quad modem cards in the Cisco Access Server 5100.

## Connecting to the Telephone Company

The telephone company may request the telephone number (or numbers) to which the equipment is to be connected.

If a modem is malfunctioning, it may affect the telephone lines. In this case, the modem should be disconnected until the source of the difficulty is traced.

If the telephone company has any questions or raises problems, ask them to call Cisco Systems.

## Radio Communications Interference



**Warning** This equipment generates, uses, and can radiate radio frequency energy and if not installed and used in accordance with the installation and operations guides, may cause interference to radio communications. This equipment has been tested and found to comply with the limits for a Class A digital device pursuant to Part 15 of FCC rules, which are designed to provide reasonable protection against such interference when operated in a commercial environment. Operation of this equipment in a residential area is likely to cause interference, in which case the user at his own expense will be required to take whatever measures may be required to correct the interference. In accordance with Part 15 of the FCC rules, any modification to or tampering with this device that causes harmful interference to others may be reason for prohibiting future operation.

## IC (Industry Canada)

This digital apparatus does not exceed the Class A limits for radio noise emissions from digital apparatus set out in the radio interference regulations of Industry Canada (formerly Canadian Department of Communications).

Cet appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de classe A prescrites dans les réglementations sur le brouillage radioélectrique promulguées par Industrie Canada (précédemment Ministère des Communications du Canada).

## Canadian Installations

The Industry Canada (IC) or Canadian Department of Communications (DOC) label identifies certified equipment. This certification means that the equipment meets certain telecommunications network protective, operational, and safety requirements. The department does not guarantee the equipment will operate to the purchaser's satisfaction.

Before installing this equipment, make sure connection to the facilities of the local telecommunications company is permitted. Install the equipment using an acceptable method. Be aware, however, that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be made by an authorized Canadian maintenance facility designated by the supplier. Any repairs or alterations made by a user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

For protection, make sure that the electrical ground connections of the power utility, telephone lines, and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.



**Caution** Do not attempt to make such connections; contact the appropriate electric inspection authority or electrician.

## U.S. Robotics High Speed Modems Load Number: 5

The Load Number (LN) assigned to each terminal device denotes the percentage of the total load connected to the telephone loop used by the device, without overloading. The termination on a loop may consist of any combination of devices, subject only to the requirement that the total of the Load Numbers of all the devices not exceed 100. An alphabetic suffix is also specified in the Load Number for the appropriate ringing type (A or B), if applicable. For example, LN = 41B designates a Load Number of 41 and a B-type ringer.

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