



July 14, 1999

Professional installation of No Wires Needed 1100 series products to meet FCC 15.203 requirements.

**Product /Model connector description**

The No Wires Needed (NWN) 1100 products are in two hardware forms. One is the PC card, which is a PCMCIA type II card (OGD10330209). It has an integrated antenna and an external antenna connector utilizing a unique MMX connector. This unique coupling meets the FCC 15.203 requirements and therefore does not need professional installation. The second hardware form is used for the indoor access point and station adapter, and the outdoor wireless bridges (OGD10310308). This device uses a custom made SMA type connector which meets the FCC 15.203 requirements for unique coupling. The antennas used for the indoor models use this special connector. The antennas used for the outdoor models include a special; SMA to standard N type adapter cable. These antenna kits are not available to the general public. The users guide for the product explicitly states that professional installation is required for these antennas and that only the antenna certified with the products can be used. The statement below is provided in the user guide for all the NWN 1100 products, except for the PCMCIA adapter.

**Professional Installer Statement from the users guide, section 2**

**“Warning:** It is the responsibility of the professional installer to ensure that when using the outdoor antenna kits in the United States (or where FCC rules apply), only these antennas shown in the table above are used. The use of any antenna other than those listed is expressly forbidden in accordance with the FCC rules CFR47 part 15.204.

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**Note:** *Detached antennas, whether installed indoors or out, should be installed ONLY by experienced antenna installation professionals who are familiar with local building and safety codes and, wherever applicable, are licensed by the appropriate government regulatory authorities.*

*Failure to do so may void the No Wires Needed Product Warranty and may expose the end user to legal and financial liabilities. No Wires Needed and its resellers or distributors are not liable for injury, damage or violation of government regulations associated with the installation of detached antennas.”*