

## Regulatory Compliance Information

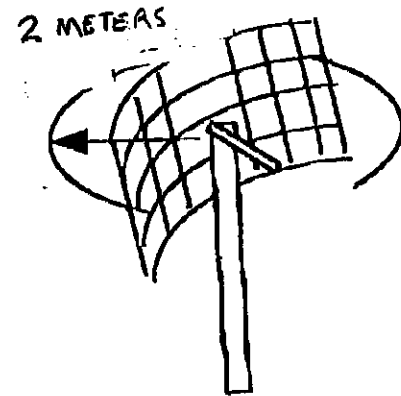
This equipment has been tested and found to comply with the limits for a Part 15 Mobile Intentional radiator as defined by the Federal Communications Commission (FCC) when installed and used in the manner prescribed in this manual.

Radio approvals for the Raylink WHISP product are valid only when using the exact combination of Raylink WHISP PC cards, outdoor antenna cabling components, and antennas as listed in this manual. Deviation from the approved combination of parts, including the addition of any unauthorized equipment, is strictly forbidden, will void the manufacturer warranty, and may result in violation of FCC regulations.

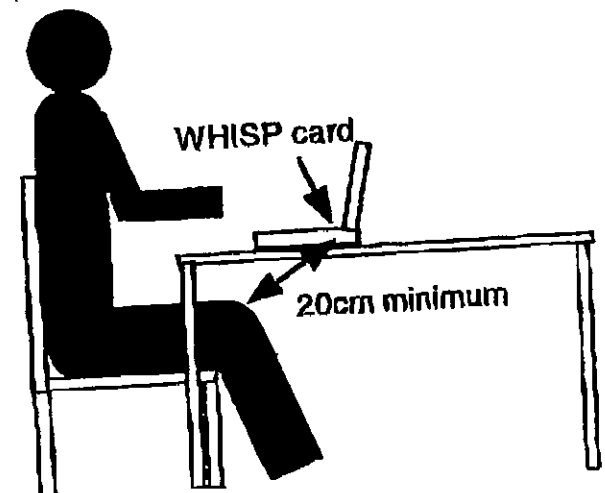
This equipment is for sale to professionals in the wireless data communications industry and should not be sold to or installed by non-professionals. However, it is the end user's responsibility to ensure that Raylink WHISP installations comply with local regulatory authorities. Raylink, nor its authorized resellers or distributors, are not liable for any damage or violation of government regulations that may arise from failure to comply with these guidelines.

## Antenna and PC Card Exposure Information

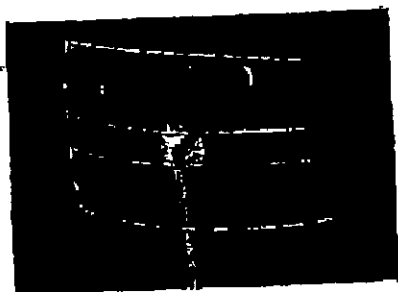
Antennas should be installed such that a 2 METERS clearance distance between the antenna element and the user is maintained.



FCC guidelines mandate that the Raylink WHISP card should be installed in the host PC such that the WHISP card is at least 20cm from the user's body at all times.



## Approved Antennas



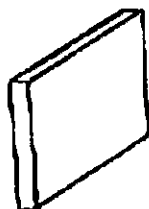
Young Design, Inc. PT-2424  
24dBi parabolic antenna  
Type N connector



Young Design, Inc. A2.45LP17  
17.1 dBi gain  
90 degree horizontal beamwidth  
Type N connector

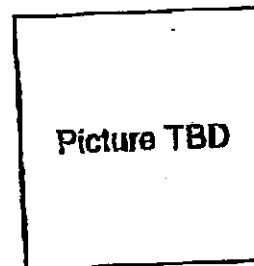


Young Design, Inc. A-2412  
12dBi mast antenna  
5 degree vertical beamwidth  
Type N connector

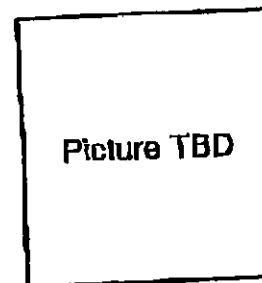


Young Design, Inc. A2-45FP12  
12dBi flat panel antenna  
30 degree horizontal beamwidth  
30 degree vertical beamwidth  
Type N connector

## Approved Cables



Raylink P/N #####  
6 inch microcoaxial cable  
terminated with proprietary  
microcoax connector and  
standard SMA-male connector



Raylink P/N #####  
LMR-400 low-loss antenna  
cable terminated with standa  
SMA female and standard N  
male connectors

## Typical Installation Diagram

Antenna (see "Approved Antennas" section for specifications)

low-loss antenna cable  
(see "Approved Cables" section)

Micro-Coax  
cable adapter  
(see "Approved Cables" section)

Raylink WHISP card

