

ANTENNA INSTALLATION INSTRUCTIONS

Caution: To avoid excessive exposure to the radio frequency radiation, antennas should also be positioned in such a way that a separation distance of at least 20 cm is normally maintained between the transmitter's radiating structures and the body of the user or nearby persons.

■ DIPOLE ANTENNA

Remove the antenna from the box. You'll notice that the antenna is L-shaped and the short part of the L has a built-in connector with a silver hexagonal collar. The ZoomAir Card's mating connector has a knurled brass collar.

To maintain consistent antenna orientation, hold the antenna vertically and gently tighten the hexagonal collar on the antenna body until the antenna stays in place. **Do not attempt to turn the knurled brass collar on the PC Card. It is glued in place.**

Note: If you later want to reposition the antenna due to orientation changes, you must first loosen the antenna's hexagonal nut, reposition the antenna, and then retighten the nut.

■ OMNI-DIRECTIONAL ANTENNA

- 1 Carefully remove the existing dipole antenna: Gently unscrew the hexagonal collar on the antenna body. **Do not attempt to turn the knurled brass collar on the PC Card. It is glued in place.**
- 2 Attach one end of the cable* to the omni-directional antenna and the other to the ZoomAir PC Card. Again, be careful of the collar glued in place.
- 3 3A. If you are using a ZoomAir Hardware Access Point, mount the antenna in a central location as an "umbrella" to provide optimal coverage.
3B. If you are using ZoomAir in a point-to-point application, mount both antennas so that they are facing each other in a line of sight orientation.

■ DIRECTIONAL ANTENNA

- 1 Carefully remove the existing dipole antenna: Gently unscrew the hexagonal collar on the antenna body. **Do not attempt to turn the knurled brass collar on the PC Card. It is glued in place.**
- 2 Attach one end of the cable* to the directional antenna and the other to the ZoomAir PC Card. Again, be careful of the collar glued in place.
- 3 Using the supplied universal mounting and positioning hardware, position the antenna in a vertical orientation so that the receiving antenna is in the line of sight.

Note: With the omni-directional and directional antennas, you can couple cables to achieve a recommended maximum length of 6 meters before experiencing an unacceptable signal dB loss.

* Sold separately

See Antenna Options for Selection Information



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