



WorldClient™

From: "Marc Boivin" <marcboivin@bellnet.ca> 

To: "Kyle Fujimoto" <kyle@celectronics.com>

Date: 02/24/2003 10:15 AM



Subject: RE: Please explain how the antenna is attached

Hi Kyle.

The antenna is made of steel wire with a strong plastic sheath. A male AMP style connector is crimped to one end and the other end is capped with a heat-shrinkable cap. The antenna wire is placed inside a customized nylon nut with a hole in its center and that nut screwed onto the sensor enclosure where the antenna connector mates with a female connector soldered onto the PC board. Once tightened, the male connector on the antenna wire is securely connected to the female PCB connector and the nylon nut can only be removed with tools, it cannot be removed by hand. The reason for using this type of connection is to facilitate production assembly of the devices. If an antenna is damaged, it can be replaced at the factory.