


## 1 Introduction

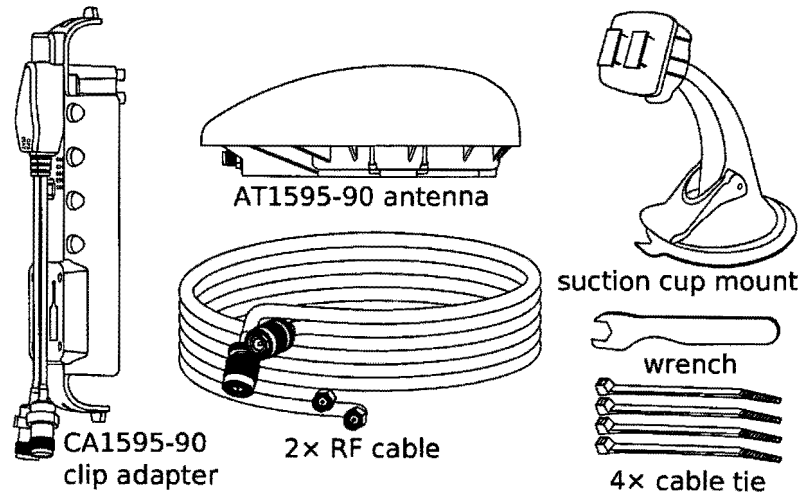
The External Antenna (AT1595-90) is an accessory designed for use with the IsatPhone Pro on land vehicles. The antenna is sold as part of a kit (see 3 **Antenna Kit Contents** for detailed contents). When the IsatPhone Pro is connected to the antenna it is possible for a user to maintain a link to the satellite while making calls in a moving or stationary land vehicle.

## 2 Important Safety Information About Exposure to RF Signals



The AT1595-90 is an accessory antenna to the IsatPhone Pro handset. The IsatPhone Pro is a radio transmitter and receiver; when turned on, it emits low levels of radio frequency energy. Refer to the IsatPhone Pro User Manual for more information on potential radio frequency hazards.

## 3 Antenna Kit Contents



## 4 Connecting Your Antenna

### 4.1 Connect cable to antenna

Connect both cables to the antenna. Use the supplied wrench to ensure a good connection.

### 4.2 Place antenna on roof of vehicle

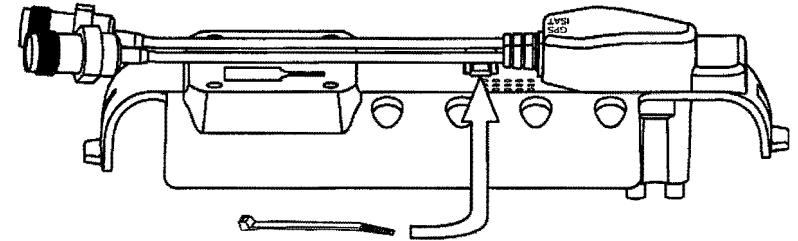
For best results the antenna should be positioned on a flat portion of the roof of the car where it will have a clear, unobstructed view of the sky in all directions. Further, for optimal performance the antenna should be placed away from the edge of the roof and towards the center..

### 4.3 Route cables into vehicle

The cables can now be routed into the vehicle. In many vehicles, the door seals are sufficiently pliable that they will not damage the cables when the door is closed.


### 4.4 Affix RF cables to clip with cable tie

For added cable strain relief, use the provided cable tie to firmly secure the short RF cables on the clip adapter to the clip adapter body.



### 4.5 Connect 1.5m RF cables to clip adapter

When connecting cables to the clip adapter, care needs to be taken to connect to the correct ports: match the cable connected to the GPS port on the antenna to the GPS port on the clip. And likewise, match the cable connected to the ISAT port on the antenna to the ISAT port on the clip.

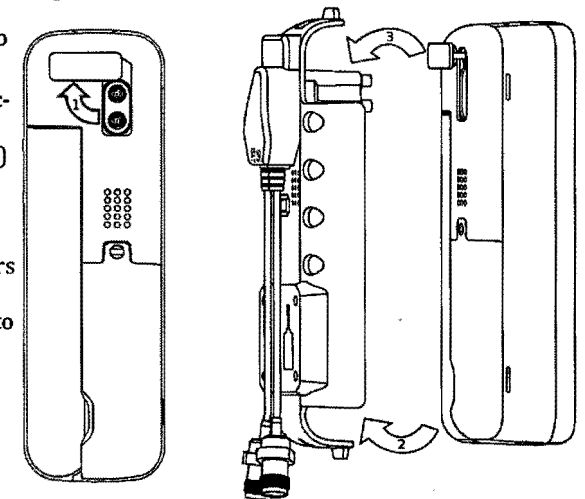


If the cables are inadvertently cross-matched, there will be no signal bars on the phone when it is powered up. Check that the cables match the antenna and clip ports end-to-end.

### 4.6 Insert phone into clip

Insert the phone into the clip as follows:

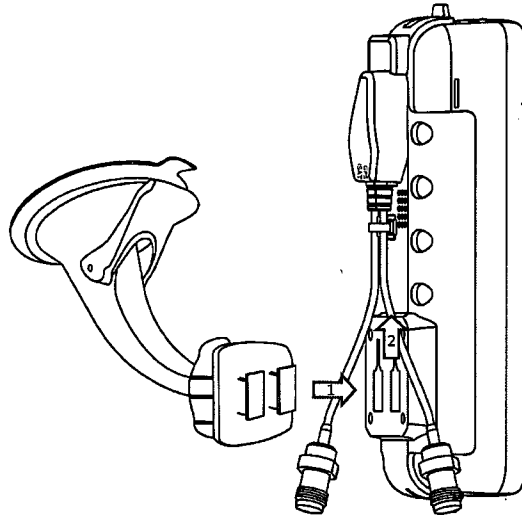
1. Open rear connector access panel (see figure below)
2. Snap bottom of handset into clip adapter
3. Engage connectors into the handset and clip adapter to handset



**4.7 Suction cup mount**

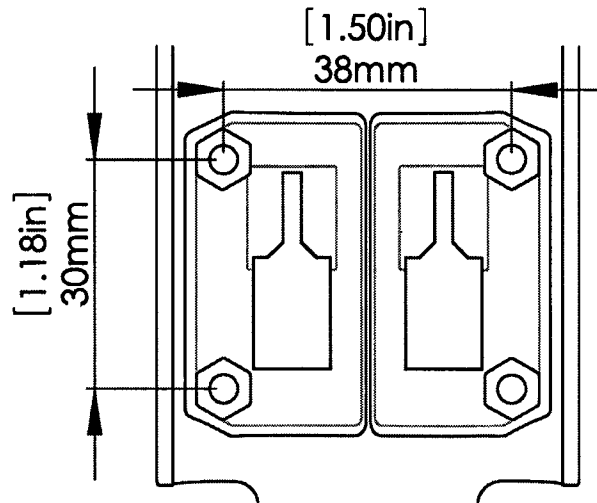
A suction cup mount is included in the kit for use with the clip adapter. The suction cup can be mounted to a window and will hold the phone securely for hands-free communication and while charging via the car charger (not included).

1. Insert rectangular tabs on suction cup mount into clip adapter
2. Slide tabs up to lock into place



**4.8 Alternative mounting options**

The clip adapter also has 4 mounting holes in a standard AMPS pattern (30mm×38 mm center to center hole pattern) for use with other mounts. As a precaution, verify printed dimensions before drilling.



*AeroAntenna Technology, Inc.*

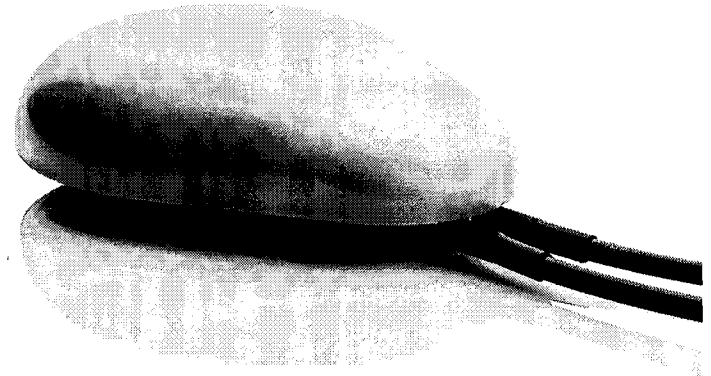
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**IsatPhone Pro External Antenna Kit**

**Antenna Model Number: AT1595-90**

**User Manual**



## **WARRANTY**

AeroAntenna Technology, Inc (AAT) warrants that the product delivered to Buyer shall be free from defects in material and workmanship and will conform to the applicable AAT specification. The warranty will be in effect for a period of one (1) year from the date of delivery. The warranty does not include cosmetic defects due to weathering.

This Agreement shall be construed and interpreted in accordance with (i) the Federal common law of the United States of America contracts as enunciated and applied by Federal judicial bodies, boards of contract appeals and quasi-judicial agencies of the Federal Government or (ii) in the absence of such Federal law, the laws of the State of California (without regard to its conflict of law provisions in other locations).

If a defect occurs during the warranty period, Buyer shall return the product to AAT for repair or replacement. AAT shall determine at its sole discretion whether to repair or replace any defective product covered by this warranty. AAT will pay for the cost of shipping unless AAT determines that the defect is not covered by this warranty. In the event that AAT determines that a returned product is not covered by this warranty, AAT shall immediately notify the Buyer and request instructions regarding disposition. Buyer's sole and exclusive remedy for defects in products covered by this warranty is limited to the correction of the defect by repair or replacement.

The foregoing warranty shall not apply to defects resulting from improper or inadequate maintenance by Buyer, unauthorized modification or misuse, operation outside of the environmental specifications of the product, or improper site preparation or maintenance. This warranty shall also not apply to products that have been subjected to testing for other than specified electrical characteristics or have been subjected to mishandling, misuse, neglect, improper testing, repair, alteration, damage, assembly or processing that alters physical or electrical properties.

**IN NO EVENT WILL AAT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES. THIS WARRANTY EXTENDS TO THE BUYER ONLY. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES WHETHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.**