Technical Tip

4-Pin Drone Adapter for Stand-Alone ADS-ALCA (Part #: DR-HRN-4PDA) vs. 4-Pin RF Adapter for Stand-Alone ADS-ALCA (Part #: ANT-Adapter iData)

It is very important to make the distinction between these two parts. If the wrong part is used it could cause damage to the RF antenna. The DR-HRN-4PDA can ONLY be used with the Drone Mobile module (DR-3x00) in conjunction with a stand-alone ADS-ALCA.

Below are images of the DR-HRN-4PDA adapter harness for stand-alone ADS-ALCA with a Drone Mobile telematics kit.

As you can see from the two pictures below, the standard Drone harness colors are used, swapping of the RX and TX wires on one end (the Blue and White wires) and supplying the red and black power and ground wires for hardwire – refer to ADS-ALCA guide for your specific vehicle for fusing requirements – if applicable.
Below are images of the ANT-Adapter iData for a stand-alone ADS-ALCA with a Firstech RF kit.

As you can see from the two pictures below, the standard antenna wire colors are used supplying the red and black power and ground wires for hardwire – refer to ADS-ALCA guide for your specific vehicle for fusing requirements – if applicable.
How to Tell the Difference Between the DR-HRN-4PDA and the ANT-Adapter iData?

<table>
<thead>
<tr>
<th>DR-HRN-4PDA</th>
<th>ANT-Adapter iData</th>
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<tr>
<td><img src="image1" alt="DR-HRN-4PDA Image" /></td>
<td><img src="image2" alt="ANT-Adapter iData Image" /></td>
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The ANT-Adapter iData (right) has a noticeable physical difference with the small adapter.

Female and male ends have noticeably different wire colors, the colors correspond with the standard colors used for the Drone (left) and RF antenna (right).

**ONLY USE THIS HARNESS ADAPTER FOR ADS-ALCA STAND-ALONE INSTALLATIONS WITH THE DRONE TELEMATICS MODULE.**

**ONLY USE THIS HARNESS ADAPTER FOR ADS-ALCA STAND-ALONE INSTALLATIONS WITH COMPATIBLE FIRSTECH RF KIT.**

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**IF THE INCORRECT ADAPTER IS USED, DAMAGE TO THE HARDWARE WILL OCCUR**
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