

Installing your external **VC70** - 2.4/5.0GHZ antenna kit with your computer



An external antenna should be used when placement of the computer in/on a vehicle prohibits or limits reception. For example, when the computer is installed on a forklift, or in a yard truck or crane.

To install an external antenna:

1. Lift the antenna connector cap on top of the VC70 vehicle computer.
2. Screw the cable connector onto the antenna connector. Connector type is Reverse Thread / Reverse Polarity SMA.
3. Torque to 5 ± 0.5 kgf/cm (4.3 ± 0.4 in-lbs).
4. Screw the antenna to the magnetic antenna base.
5. Mount the magnetic base with antenna installed on the top of the roll cage/roof of the vehicle as close to the center as possible to maximize reception.

Basic specifications of this VC70: 2.4 /5.0GHZ antenna kit:

Antenna frequency: 2.4 & 5.0 GHz, supporting 802.11 a, b, g, n WLAN systems

Antenna gain (average): 4.5 dBi at 2.4 GHz & 5.5 dBi at 5.0 GHz

Operating temperature: -40 to +85 degrees C

Cable kit: Magnetic NMO mount (80 lb. pull strength) 12 foot RG58A/U cable with Reverse Thread / Reverse Polarity SMA-Male connector.

(Revised November 26, 2013 - Arcadian Inc.)