



## CPE Installation Note

This installation note is applicable for SkyEdge II-c Gemini/Capricorn and Gemini S2X CPE with an external power adapter.

To install the SkyEdge II-c CPE, the installer must:

- Complete Gilat VSAT Installer course
- Be familiar with the SkyEdge II-c CPE Installation Manual (DC-103322-X)
- Have the CPE configuration parameters available



VSAT AC and DC power supplies are provided by Gilat. If the power to the VSAT is not through an AC or DC adaptor (e.g., batteries, solar panels, rectifier ETC), the power solution must be approved by the Gilat Technical Support.



### CAUTION

- **THE CPE MUST BE GROUNDED PRIOR TO INSTALLATION BY ATTACHING ONE END OF THE GROUNDING CABLE TO THE GROUNDING STUD ON THE REAR OF THE CPE, AND THE OTHER END TO THE SITE MAIN GROUND CONNECTION. 18AWG GROUNDING CABLE SHOULD BE USED.**
- **THE CPE MUST BE CONFIGURED PRIOR TO ATTACHING THE RF CABLES.**
- **THE POWER CABLE MUST BE DISCONNECTED FROM THE CPE PRIOR TO CONNECTING THE RF CABLES.**



### CAUTION

IN ORDER TO PREVENT DAMAGE TO THE RF CONNECTORS, SECURE THE CABLES TO A PERMANENT, STATIC OBJECT SUCH AS A TABLE OR PIPE, AT A DISTANCE OF 25-60 CM (10-25 IN.) FROM THE CPE, PRIOR TO CONNECTION.

### General Precautions

- Do not block the ventilation openings of the CPE.
- Do not place the CPE in a location that would deviate from typical ambient environmental conditions of temperature, humidity and moisture.
- Do not place any object on top of the CPE.



### WARNING

**BEFORE INSTALLING THE UNIT, VERIFY THAT THE ANTENNA AND AC POWER CORD ARE GROUNDED SO AS TO PROVIDE PROTECTION AGAINST VOLTAGE SURGES AND STATIC CHARGES.**

**SECTION 810 OF THE US NATIONAL ELECTRICAL CODE, ANSI/NFPA 70, AND SECTION 54 OF THE CANADIAN ELECTRICAL CODE PROVIDE INFORMATION WITH REGARD TO PROPER GROUNDING OF THE MAST AND SUPPORTING STRUCTURE, GROUNDING OF THE LEAD-IN WIRE TO AN ANTENNA DISCHARGE UNIT, SIZE OF GROUNDING CONDUCTORS, LOCATION OF ANTENNA DISCHARGE UNIT, CONNECTION TO GROUNDING ELECTRODES AND REQUIREMENTS FOR THE GROUNDING ELECTRODE.**





## CPE Installation Note

Place the CPE on an even, flat surface.

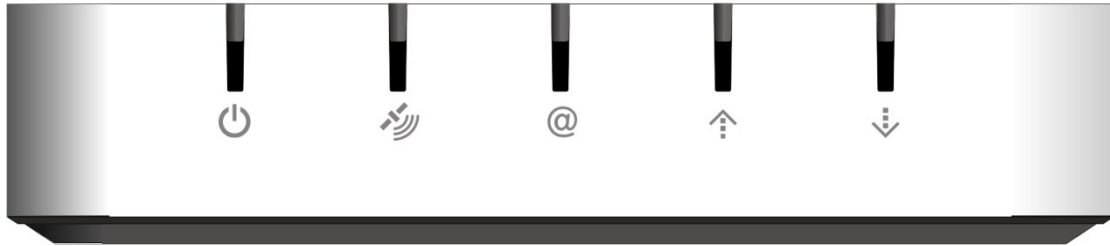


Figure 1: Front View

Connect the two RF cables (from the LNB and ODU) to the RF-IN and RF-OUT connectors, respectively, as shown in Figure 2, using a recommended torque of 13 lb\*ft/in (1.5 N/m).

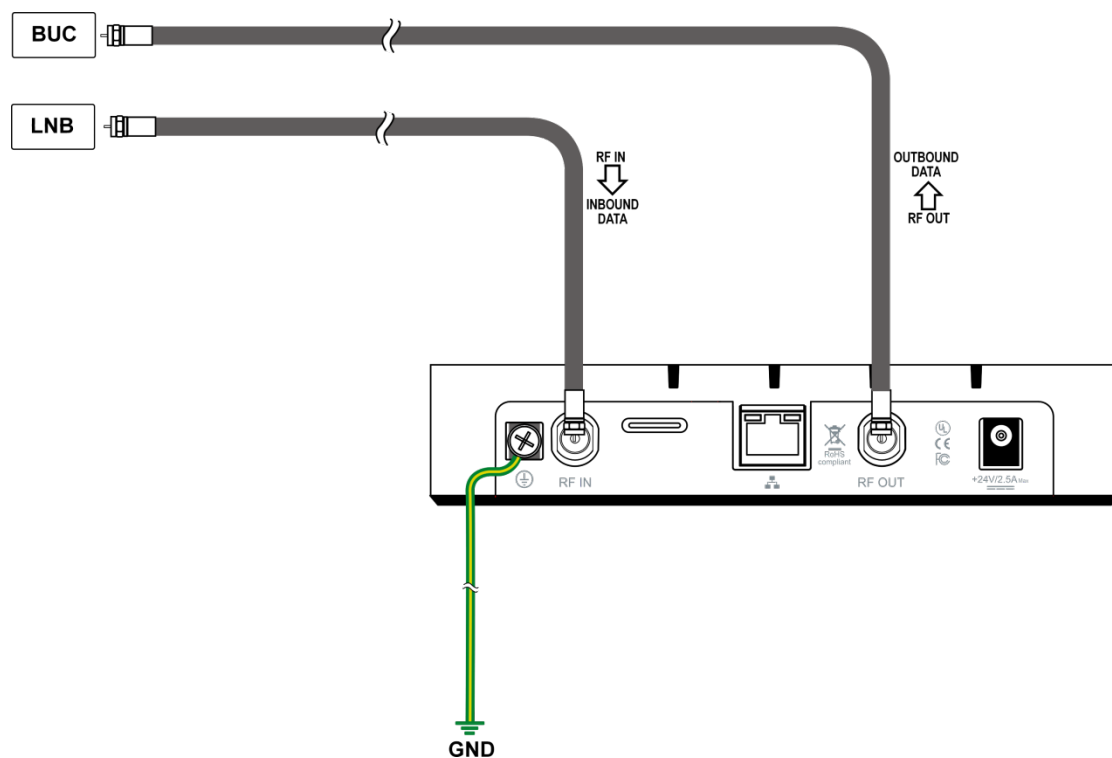


Figure 2: Rear View

### **Connecting AC adapter and power cords**

1. Use only the approved adapter supplied.
2. Connect the adapter's power plug to the CPE 24VDC port.
3. Connect the main power cable from the adapter to the local AC power receptacle.

### **LAN Cable**

Use only CAT-5 type cables to connect to the LAN port.

