Installation Note for SkyEdge IP

This installation note is applicable for SkyEdge IP with external power converters.

Before starting to install the SkyEdge IP verify that the installer is trained in how to install the SkyEdge IP, that he is familiar with the Installation Manual and that he is provided with the VSAT parameters.

Mounting guidelines:

The VSAT can be mounted in three optional orientations: desktop horizontal, desktop vertical and wall-mount. For wall-mount installation, verify that the distance between the wall bores is 8 cm (3.15in). For desktop vertical orientation, dismantle the wall-mount adapter from the base and attach it to the VSAT edge. See figure #1.

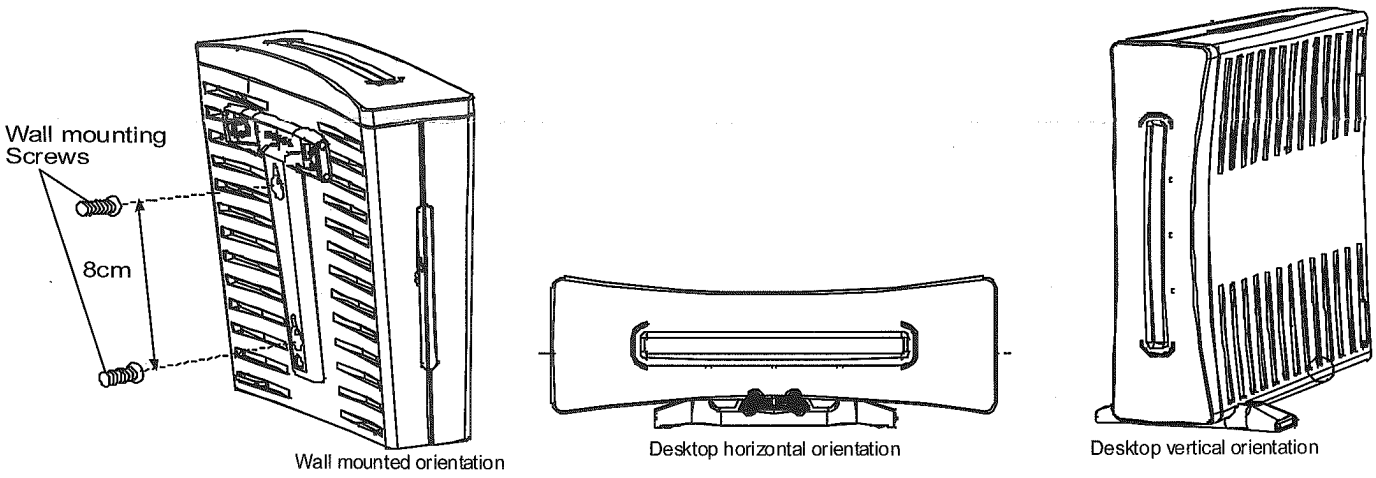

Figure #1

Connecting RF cables

Connect the two RF cables, coming down from the LNB and ODU, to RF-IN and RF-OUT connectors accordingly using a recommended torque of 13 lbft/in (1.5 N/m). See figure #2

Caution! In order to avoid uncontrolled tension on the RF cables and the resultant damage to the connectors, before connecting the RF cables to the VSAT connectors make sure to secure the RF cables to a rigid object at a distance not exceeding 25-60 cm (10 to 25 in) from the VSAT.

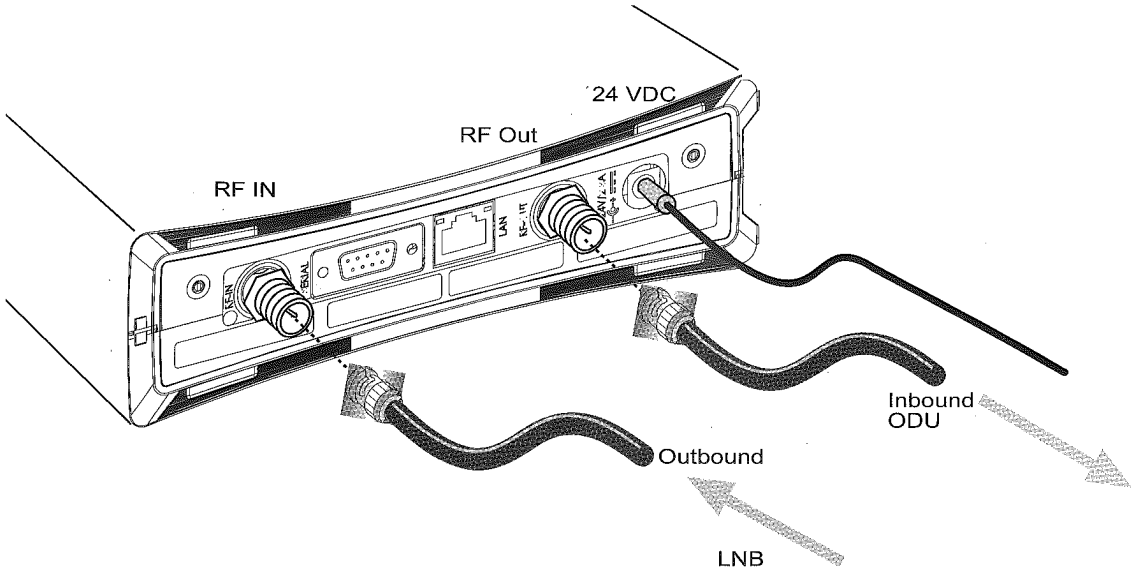

Figure #2

Connecting AC or DC converters and power cords

Use only Gilat approved converter (supplied).

1. Connect the converter's DIN plug to the VSAT's 24VDC inlet.
2. Connect the power cord (supplied) from the converter's inlet to the mains outlet using only Gilat approved cord. For DC power connection use cable 2x12AWG (optional).

General Precautions

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

Warning

Before installing the unit, be sure 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.