

Explorer 3075 Ka-Band Antenna

Quick Start Guide

Unpack the case

1. Set the case on the ground near where it will be assembled.
2. Unpack the tripod, reflector panels, RF assembly and cables.

Do not grab the RF assembly by the feed horn as the sub-reflector can be easily damaged.

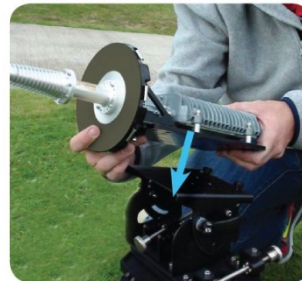


Assembling the Antenna

1. Place the tripod on level ground, release the tripod leg locking levers and deploy the three legs.
2. Use the bubble level to level the top plate of the tripod and tighten the locking levers.



3. Release the two RF locking levers (under the top plate), install the RF on the top plate, slide the RF back on the slots and tighten the locking levers.



4. Release the four reflector locking mechanisms on the reflector hub.
5. Insert one petal to the central hub and tighten its' locking lever.



6. Inset another petal (next to the first one) into the central hub, tighten its' locking lever and clip the two latches between these adjoining panels.



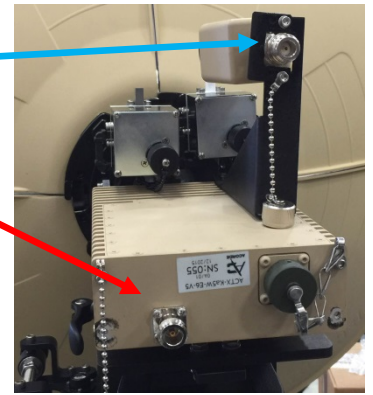
7. Repeat step 6 to install the two remaining panels.

For further information see the Series 3000 Assembly and Operations Guide on the enclosed CD.

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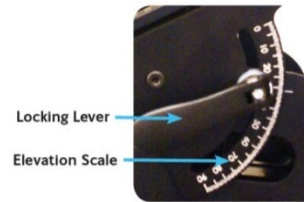
Connect the cables

1. Connect RX IFL RG-6 **blue cable** to the antenna Receive output port on the LNB.
2. Connect TX IFL RG-6 **red cable** to the antennas Transmit port on the BUC.
3. Connect the other end of the IFL cables to the to appropriate Transmit (TX) & Receive (RX) ports on your satellite modem.
4. Connect Power Cable to Modem.



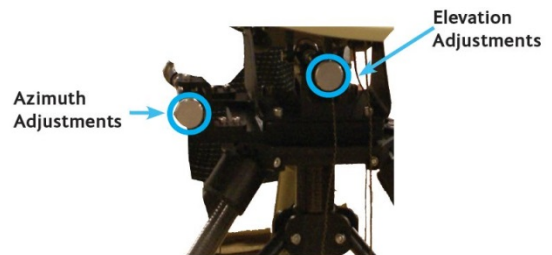
Position the Antenna

1. Calculate the Azimuth and Elevation pointing angles to the desired satellite from your location.
2. Coarsely adjust the Azimuth position by rotating the base of the tripod to orient the feedtube and reflector toward the desired satellite. The coarse azimuth position should be within +/- 5 degrees of the actual true north pointing angle to the desired satellite.
3. Release the elevation locking levers (left & right side) and set the elevation angle using the scale engraved in the side of the tripods adjusting plate.



Power on

1. Turn the satellite modem ON.
2. Fine adjust the antenna's Azimuth (right/left) and elevation (up/down) using the fine adjusting knobs to acquire the desired satellite (indicated by receive lock on the satellite modem). Continue fine adjustment until highest receive signal level is obtained (indicated by highest receive signal strength in the modem).
3. Lock the elevation locking levers.



Network Services

1. Connect your PC to an open **LAN** port on your modem/router.
2. Follow the procedures provided by your network administrator to gain access to their services.