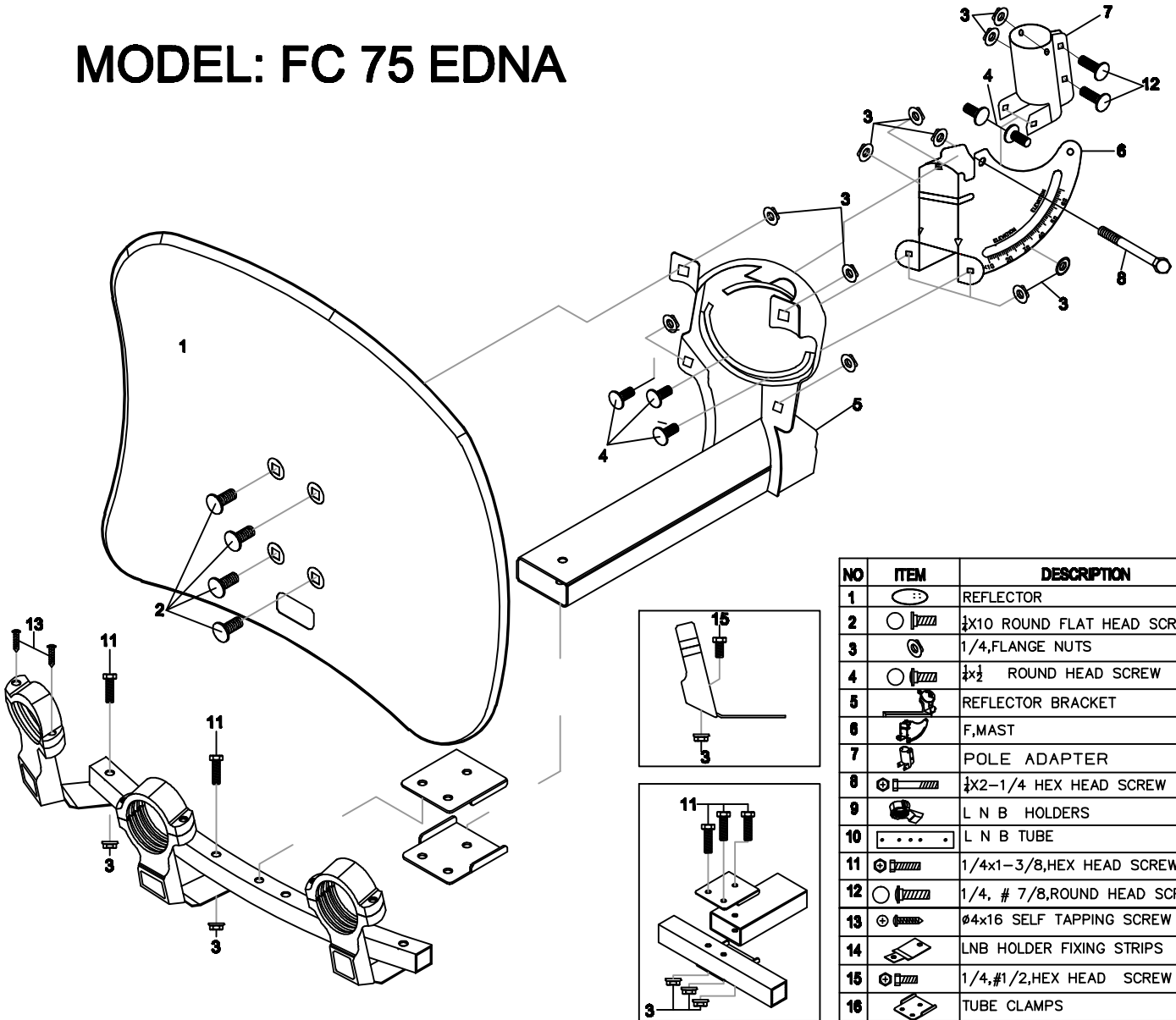
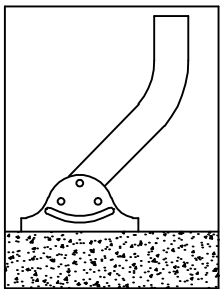


MODEL: FC 75 EDNA



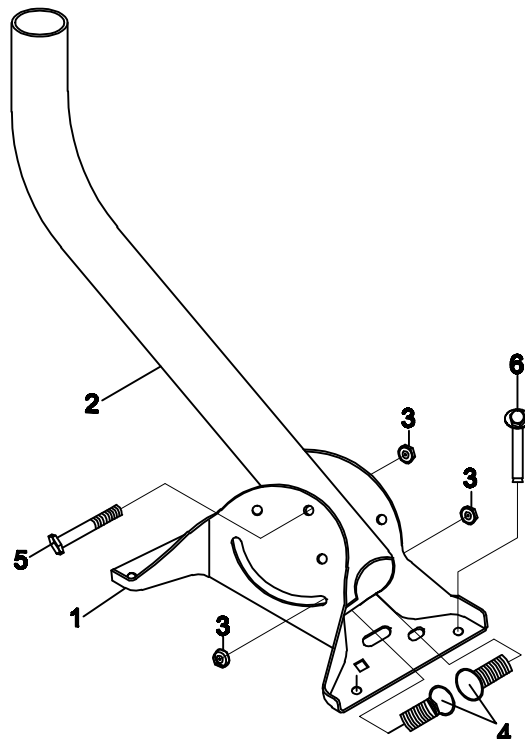
NO	ITEM	DESCRIPTION	QTY
1		REFLECTOR	1
2		1/4X10 ROUND FLAT HEAD SCREW	4
3		1/4,FLANGE NUTS	21
4		1/2 ROUND HEAD SCREW	5
5		REFLECTOR BRACKET	1
6		F,MAST	1
7		POLE ADAPTER	1
8		1/2X2-1/4 HEX HEAD SCREW	1
9		L N B HOLDERS	3
10		L N B TUBE	1
11		1/4X1-3/8,HEX HEAD SCREW	6
12		1/4, # 7/8,ROUND HEAD SCREW	2
13		ø4x16 SELF TAPPING SCREW	6
14		LNB HOLDER FIXING STRIPS	3
15		1/4,#1/2,HEX HEAD SCREW	3
16		TUBE CLAMPS	2



Thread	Max Tightening Torque	
1/4"	8.8N.m	80 lb.in

Remark: 1N.m=8.852-lb-in

NO	ITEM	DESCRIPTION	QTY
1		Bottom Mount	1
2		45° Pole	1
3		1/4 - 20UNC Flange nut	3
4		1/2 Round head screw	2
5		1/2X-20UNCX2-1/4 Hex head cap screw	1
6		1/2X2" ANCHOR BOLTS	4



STEP 1. Finding Suitable Antenna Site.

A suitable antenna site requires an unobstructed view and a stable antenna mounting surface.

There are no trees, leaves, building can be in the line-of-sight between antenna and Satellites.

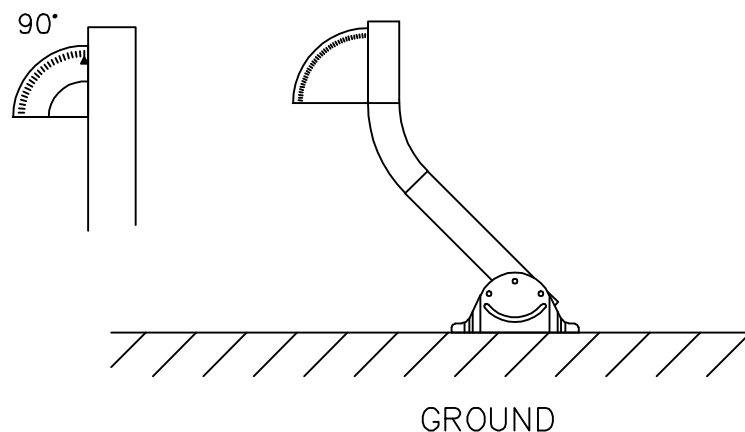
When you are Fixing the Antenna with Dual-beam Satellite, be sure to check for required span clearance.

STEP 2. Installing Mast(45° Pipe)

Now you are ready to install the Antenna mast at the location you have chosen in step 1.

1=Use a compass for a more precise starting point. then you must fixed the Pipe Mount Fixer with anchor bolt then connect the 45° Pipe and Pipe Mount Fixer with one of $\frac{1}{4}$ x2-1/4 hex -head screw.

2=Let Mast of short side keep vertical on the ground. then tighten the screws to fixed the Mast. Make sure your 45° Pipe is on vertically 90° with ground.



STEP 3. 1=Assembling the Dish Bracket&Dish with 4 of $\frac{1}{4}$ "x10 Round flat-head screw, then connect the Dish bracket and Tilting Az/EI bracket set with 3 of $\frac{1}{4}$ "x1/2 Round head screws.

- STEP 3. 2=Assembly the LNB Arm with Reflector Bracket,s
 Fix 2 Clamp by using 1 of $\frac{1}{4}$ "x1- $\frac{3}{8}$ hex head screw.
 Connect LNB Arm within 2 clamps by using 2 of
 $\frac{1}{4}$ "x1- $\frac{3}{8}$ hex head screw.
 connect 3 steel strips with LNB Arm by using 3 of
 $\frac{1}{4}$ "x1- $\frac{3}{8}$ hex head screw and Fix LNB holder with
 steel strips by using 3 of $\frac{1}{4}$ "x $\frac{1}{2}$ round head screw.
- STEP 4. Tighten all the nuts, but not completely.this is a
 preliminary adjustment, which you may have to
 fine-tune later on.
- STEP 5. Loosen the Pole Adapter $\frac{1}{4}$ " Flange nuts.Then
 Attaching Antenna to Mast Slide the back of the
 Antenna assembly into the top of mast until it stop,
 you can slightly tighten the 2 of the $\frac{1}{4}$ " flange nuts
 on the pole adapter.
- STEP 6. When you finished step 1 to step 5 now you fix
 the LNBF in LNB holders.
- STEP 7. When you fine -turn the Antenna to one satellite,
 the other satellite will be aligned automatically.

1= Fine-Tune Tilt Adjustment.

Point the Antenna to a generally south direction.
 Rotate the Dish from 90° to 42° and tight the
 Flange nuts.

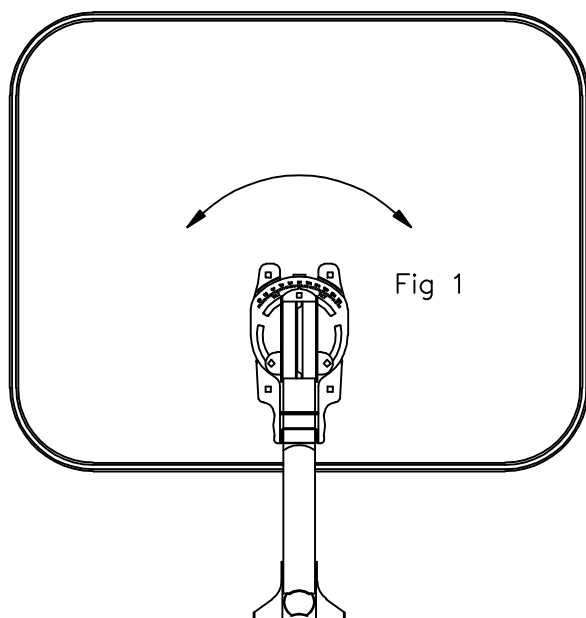


Fig 1

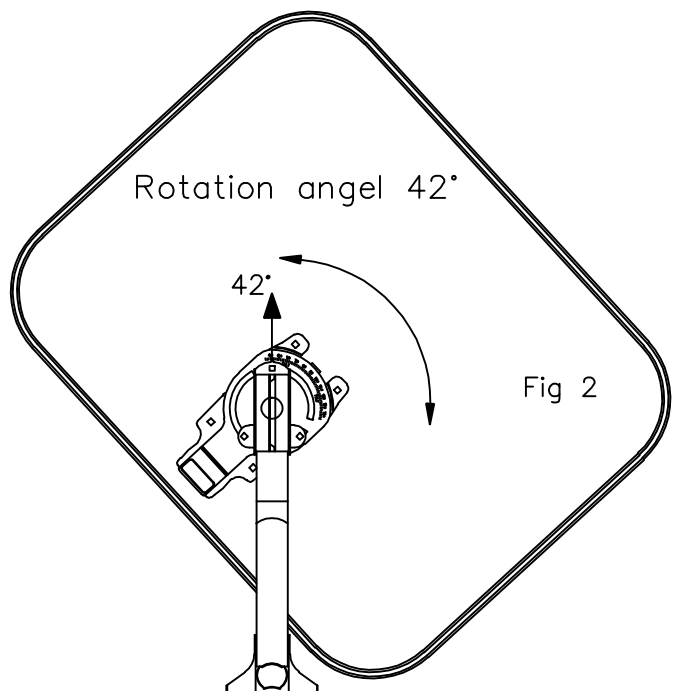


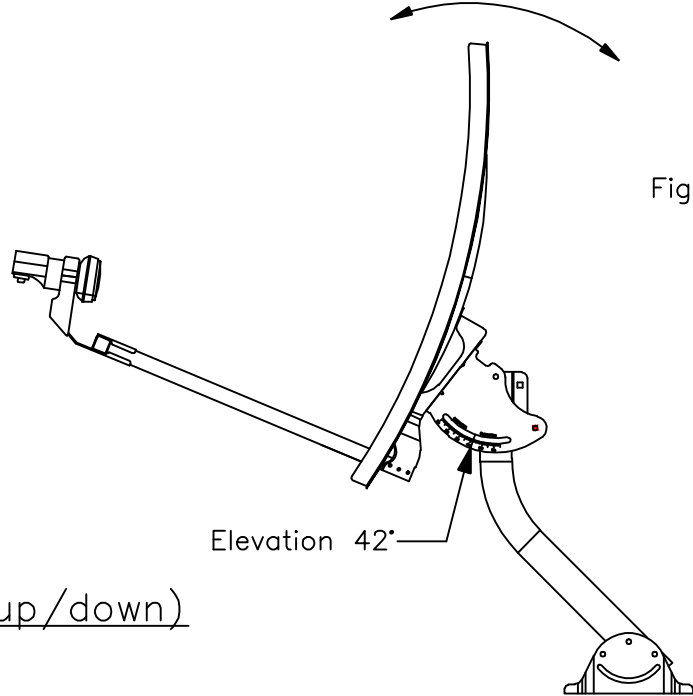
Fig 2

TILT(dish reflector rotation)

STEP7.

2=Fine –Tune the Elevation

Slightly loosen the 2 Elevation nuts. Move it upto 42° slightly and observe the signal strength on the screen from the signal strength meter. Find the peak and tighten the 2 Elevation nuts.



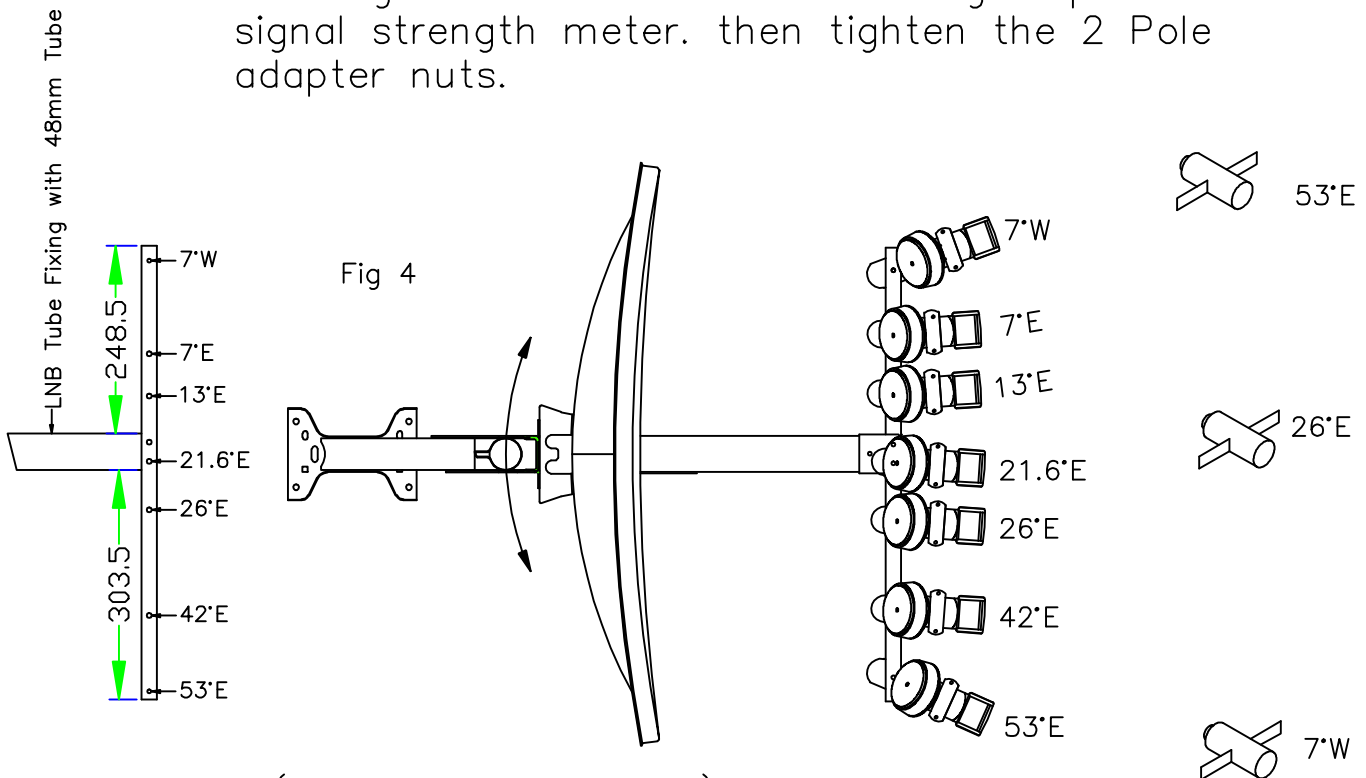
ELEVATION(Vertical up/down)

STEP7.

3=Align the Azimuth

Make sure your Antenna direction is south. for a more precise starting point.

Very slowly rotating the antenna around the mast a few degrees to find the satellite signal peck from signal strength meter. then tighten the 2 Pole adapter nuts.



Azimuth(Horizontel side-side)