

VINNANT-ANTENA FOR SATELLITE OPERATIONS
TURNSTILE, TYPE TUR 137/3-S, NON TUNABLE



ANTENNA TYPE: VINNANT TUR137/3-S

TO BE USED FOR:

WEATHER SATELLITE

NOAA

COSMOS

COMMUNICATION SATELLITE

ORBCOMM

OTHER NON TERESTRIAL USE

ANTENNA IS USING BNC OR TNC CONNECTOR
STRONG RADIALS AND MEDIUM WIND LOADING

TECHNICAL PARAMETERS:

LENGHT 48CM OVERALL

WIDTH 110CM

WEIGHT 0,8KG

CONNECTOR BNC/TNC

HOLDER BOLT M5,STAINLESS STEEL

POLARIZARION RIGHT HAND,RHCP

SWR 1.5 AT 137.5 OR BETTER

IMPEDANCE 50OHM

POLE DIAMETER MAX 42MM

ANTENNA IS NON TUNABLE TYPE

ASSEMBLY INSTUCTIONS:



ANTENNA IS SENT IN SMALL PACKET TO REDUCE THE SHIPPING COST AND NEED TO BE REASSEMBLED PRIOR TO USE.IT IS DONE IN SIMPLE STEPS:

STEP1:

UNPACK THE ELEMENT FROM THE FOIL,THE 4 SHORTER ELEMENTS WITH SHORT THREAD AND 4 LONGER WITH LONG THREAD AND NUT



STEP2:

SHORT ELEMENTS ARE TOP SECTION PART, PLACE INTO OPENING ONE BY ONE AND SCREW TIGHT UNTIL IT STOPS, HAND TIGHT ONLY NO TOOLS PLEASE

STEP3:

LONG ELEMENTS WITH COUNTER LOCKING NUTS ARE FOR THE BOTTOM SECTION, NEAR THE BRACKET. MAKE SURE THE NUT IS AT THE VERY ONE OF THE THREAD BEFORE PROCEEDING. PLACE EACH ELEMENT INTO THE THE THREAD COLUMN AND SCREW UNTIL IT STOPS, HAND TIGHT ONLY.

LOCK THE ELEMENT FROM UNSCREWING BY WIND BY COUNTER LOCKING THE NUT AGAINST THE THREAD COLUMN, FIRST HAND TIGHT THEN USE SPANNER NO 13 OR PLYES, TURN THE NUT NO MORE THAN $\frac{1}{4}$ OF THE TURN.

STEP4:

THE ANTENNA IS READY TO BE PLACED OUTSIDE AT THIS POINT. SINCE THE ANTENNA IS QUITE BIG PLEASE MAKE SURE NOT TO DROP IT AS SOME ELEMENTS MAY BREAK OR BEND. IT IS BEST TO ASSEMBLE THE ANTENNA JUST PRIOR TO THE POLE MOUNTING.

USING THE ANTENNA INDOOR OR BLOCKED BY OBSTACLES, BUILDINGS, PATIO USAGE, WALL IN A WAY WILL REDUCE THE SIGNAL STRENGTH. ANTENNA WILL BE RECEIVING THE BEST WITH 360 VIEW.