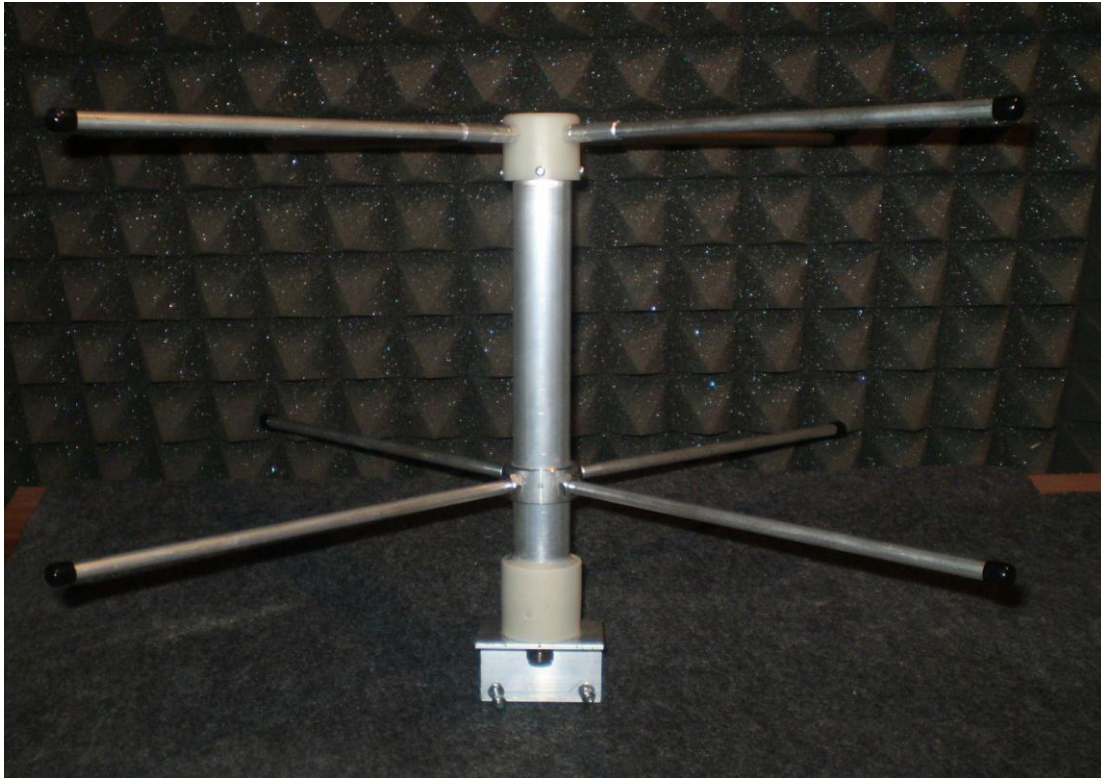


VINNANT-ANTENA FOR SATELLITE OPERATIONS
TURNSTILE SATCOM, TYPE TUR 255/3-S



ANTENNA TYPE: VINNANT TUR255/3-S

TO BE USED FOR:

240-270MHZ RECEPTION ONLY OF SATCOM

SATELLITES

ANTENNA IS USING N CONNECTOR

STRONG RADIALS AND MEDIUM WIND LOADING

TECHNICAL PARAMETERS:

LENGHT 32CM OVERALL

WIDTH 50CM

WEIGHT 0,7KG

CONNECTOR N CHASSIS TYPE

HOLDER BOLT M5,STAINLESS STEEL

POLARIZARION RIGHT HAND,RHCP

SWR 1.5 AT 255MHZ OR BETTER

IMPEDANCE 50OHM

POLE DIAMETER MAX 42MM

ANTENNA IS TUNABLE TYPE 240-270MHZ

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 OPENNING 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 TUNING RING,NEAR THE BRACKET.MAKE SURE THE NUT IS AT THE VERY ONE OF THE THREAD BEFORE PROCEDING.PLACE EACH ELEMENT INTO THE THE THREAD RING AND SCREW INTIL 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.

TUNING OF THE ANTENNA:

ANTENNA IS TUNABLE TYPE, TUNING IS DONE BY SLIDING THE TUNING RING UP OR DOWN TO TUNE THE ANTENNA IF NEEDED. SIMPLY LOOSEN THE HEADLESS SCREWS ON TUNING RING BY USING ALLEN KEY NO 1.5 LOOSEN THE RADIALS A LITTLE SO THE TUNING RING CAN BE SLIDED. START MOVING FROM ORIGINAL POSITION IN ABOUT A 5 MM A STEP. MAKE SURE THAT ELEMENTS ARE IN LINE AND MAKE A PERFECT CROSS LOOKING FROM THE BRACKET TO THE TOP SECTION. ONE HAPPY WITH SWR OR CENTER OF THE TUNING , SECURE THE ALLEN SCREWS TO KEEP THE SETTING OF THE ANTENNA.