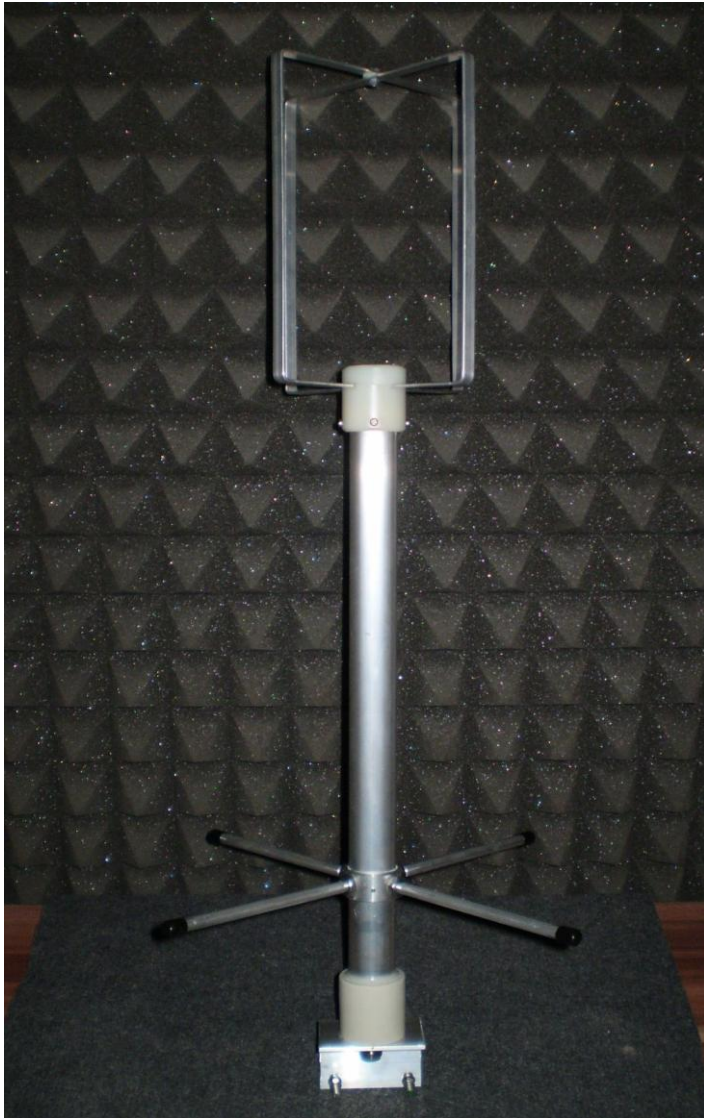


VINNANT-ANTENA FOR SATELLITE OPERATIONS

EGGBEATER, TYPE EGG435-S



ANTENNA IS USABLE FOR SATELLITE OPERATION 430-
440MHZ

tuned at 435 Mhz

all modes ,omnidirectional

Antenna is tunable by sliding a reflector a bit up or down.

stainless steel hardware
each antenna is equipped with high quality teflon N connector
chassis type
center pin gold plated

Antenna is sent in small packet ,easy assembly needed with
manual provided

Technical specifications:

Lenght 65 cm with holder
Width 36cm
Weight 0,45kg
Connector N female chassis type
Power handling 60W-teflon balun
Holder bolt M5 stainless steel
mast mountable max 42 mm of diameter
Circular polarization right hand
TUNED FOR 435.000 MHZ
Gain 3Dbd

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 RADIALS FROM THE FOIL

STEP2:

PLACE THE RADIALS INTO THE RING OPENNING ONE BY ONE

STEP3:

LOCK THE RADIALS USING FINGERS FIRST,COUNTER LOCK AGAINST THE
TUNING RING BY HAND,WHEN TINGHT USE THE SPANNER NO.13 AND LOCK,BY
TURNING NO MORE THAN $\frac{1}{4}$ OF THE TURN

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.