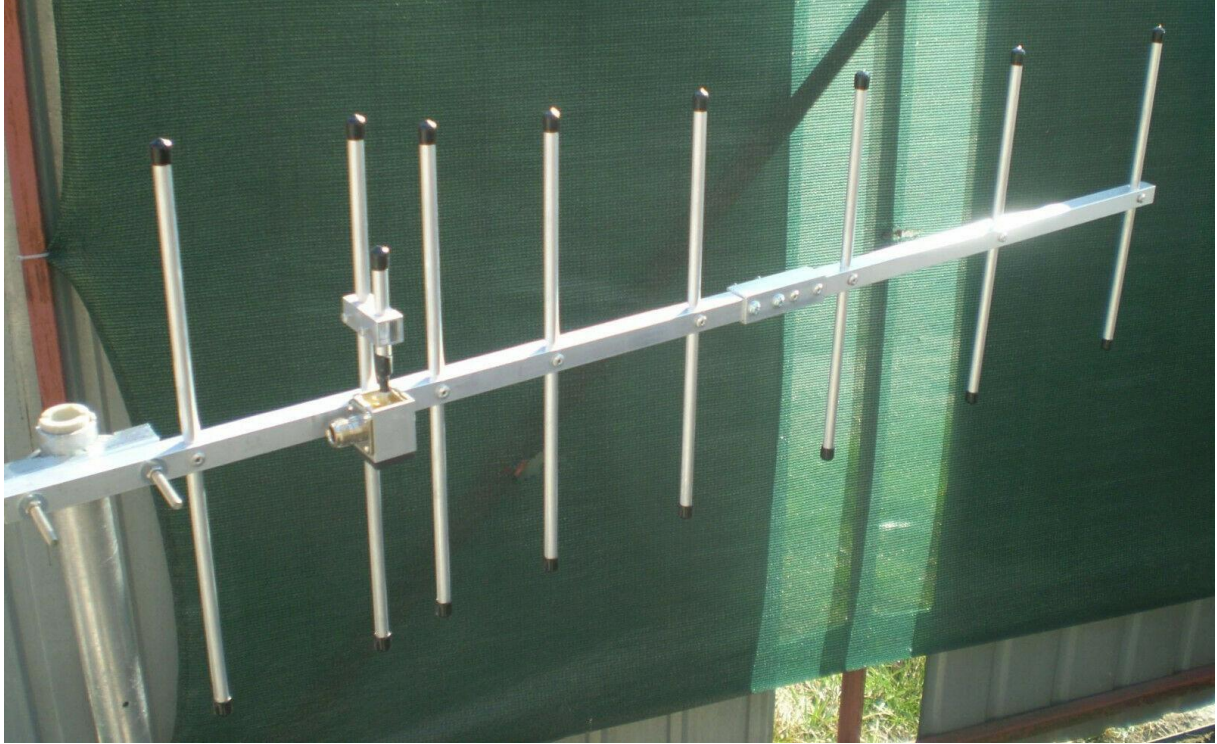


VINNANT-ANTENA FOR 70CM OPERATIONS
YAGI 8 ELEMENT, TYPE Y8E435 N CONNECTOR



TYPE : Y8E435

To be used for:

AMATEUR BAND 432-438MHZ
SATELLITE OPERATIONS

antenna is designed for RX and TX as well,25W RATED
POWER

Technical parameters:

Tunable 432-438 MHz

NORMALLY PRETUNDED AT 435MHZ UNLESS SPECIFIED
OTHERWISE

Antenna is 95cm long.

Forward gain 10,5Dbd

front-back ratio 17Db

Bandwidth 6Mhz/+ - 3Mhz/ WITH SWR AT EDGES
1.5 OR BETTER

mast mountable up to 55mm of pole diameter

power handling 25w

swr at 435Mhz 1.1 or better

IMPEDANCE 50OHM

VERTICALLY POLARIZED

BEAMWIDTH ABOUT 30 DEGREES

weight 0,6kg

connector N female

stainless steel HW,ZINC

ASSEMBLY OF THE ANTENNA:

ANTENNA IS SENT IN SMALL PACKED, UNASSEMBLED BUT PRETUNED AND SIMPLE PROCEDURE IS NEEDED TO GET IT OPERATIONAL.



SLIDE THE 3 ELEMENT PART TO THE MAIN PART ,OBSERVE THE ELEMENT SCREWS TO MATCH THE OTHER,USE SOME FORCE IF NECESSARY AND ALLING SCREW HOLES,USE ENCLOSED SCREWS TO SECURE THE BOOM AND TIGHT STRONG.THE PROCEDURE IS REPEATABLE AND ANTENNA DOES NOT SUFFER BEING REPEATABLY ASSEMBLED WHAT IS A GOOD FEATURE FOR FIELD OPERATIONS.IN RARE OCCASIONS,ANTENNA CAN BE USED WITHOUT ADDITIONAL 3 ELEMENT SECTION.

USE THE ENCLOSED BRACKET SO ANTENNA COULD BE MOUNTED TO THE POLE,PLEASE USE THE TOOTHED WASHERS IN A WAY BETWEEN THE BRACKET AND THE BOOM,THIS WAY ANTENNA IS NOT SLIDING SIDEWAYS,NORMAL WASHERS GOES UNDER THE NUTS. AFTER THE INSTALLATION,PLUG THE N CONNECTOR INTO THE ANTENNA,TIGHT STRONG BY HAND ONLY,DO NOT USE PLYES.THE CONNECTOR DOES NOT REQUIRE SEALING AFTER INSTALLATION,AS N TYPE IS SELF SEALING .