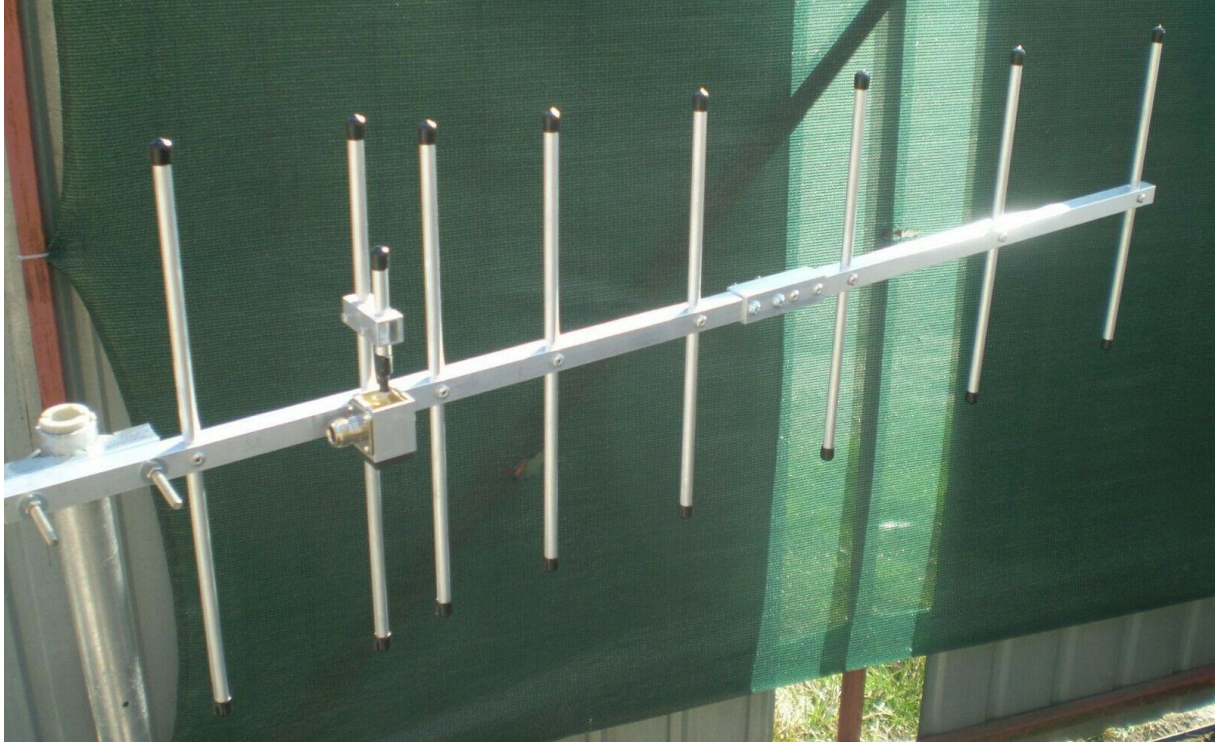


**VINNANT-ANTENA FOR PMR 446 OPERATIONS
YAGI 8 ELEMENT, TYPE 8ELG446 N CONNECTOR**



TYPE : 8ELG446

To be used for:

PMR RADIO 446 OPERATIONS

PROFESSIONAL BAND 446-448MHZ

OTHER USAGE 440-450MHZ AFTER RETUNING

ON REQUEST

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

Technical parameters:

Tunable 440-450MHz

NORMALLY PRETUNDED AT 446MHZ UNLESS SPECIFIED
OTHERWISE

Antenna is 95cm long.

Forward gain 10,5Dbd

front-back ratio 17Db

Bandwidth 4Mhz/+ - 2Mhz/ WITH SWR AT EDGES
1.5 OR BETTER

mast mountable up to 55mm of pole diameter

power handling 25w

swr at 446Mhz 1.2 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 NECCESARRY AND ALLING SCREW HOLES,USE ENCLOSED SCREWS TO SECURE THE BOOM AND TIGHT STRONG.THE PROCEDURE IS REPEATABLE AND ANTENNA DOES NOT SUFFER BEING REPAETABLY 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 TOOTHER 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 CONNETOR INTO THE ANTENNA,TIGHT STRONG BY HAND ONLY,DO NOT USE PLYES.THE CONNETOR DOES NOT REQUIRE SEALING AFTER INSTALLATION,AS N TYPE IS SELF SEALING .