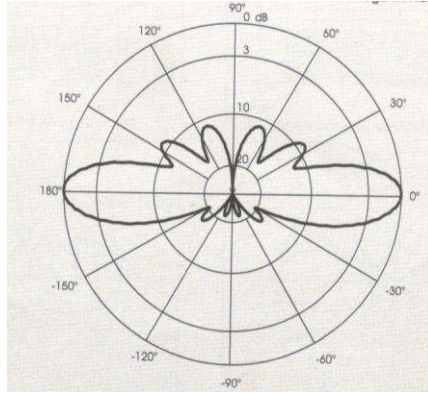


VINNANT-ANTENA FOR ATOM OPERATIONS
COLLINEAR, TYPE COL869.5/5-S N CONNECTOR





This manual is for collinear antenna 869.5mhz / 5Dbd gain

TYPE : VINNANT COL869.5/5-S

holder type 43,44 on request

To be used for:

ATOM INSTALLATION 869.5MHZ

LORA/LORAWAN systems 868

Flarm 868

Smart meter grid

ADRUINO 868 SHIELD

home automation 868Mhz

security devices for 868Mhz for improved coverage

antenna is designed for RX and TX as well

for USB SDR dongles or profesional boxes

if you need similar antenna for other UHF frequencies
that aren't listed please

don't hesitate to contact us

also other quantities can be supplied if require with
discount

Antenna is using low loss N connector

Massive base accepting all kinds of N connectors

housed in polycarbonate radome UV stable

4 full AL radials for better performance and strenght

strong holder for high wind loading

antenna is tuned for good swr using pro antenna
analyzer

Technical parameters:

Lenght 75cm antenna,84 cm with holder

Width 22cm

Gain 5Dbd

Weight 0,44kg

pole diameter up to 55mm,min 25mm

connector N female

power handling 100W

swr 1.2:1 or better at 869.5 Mhz

IMPEDANCE 50OHM

MEDIUM WIND RATING SUR.RATE

radiation pattern H plane 360 degrees

radiation pattern E plane 24 degrees

radome material:WHITE POLYCARBONATE PVC