

VINNANT-ANTENA FOR 23CM HAM OPERATIONS
COLLINEAR, TYPE COL1296/5-P, N CONNECTOR



VINNANT COL1296/5-P

professional series

gain of 5dBd

It is using low loss N connector

housed in black fiberglass radome UV stable

antenna is designed for high wind loading

4 aluminium radials

The installation notice:

once the antenna is being installed place the radials into
4 openings

in the base, hand tight only and counter the nuts with
spanner no more than 1/4 of the turn to secure the
radials

Make sure antenna is placed as high as possible with no
nearby objects at least 50cm away from the other
antenna. Antenna need to be on the top of the pole and
cannot be placed in the middle of the pole, unless you
use the horizontal stand-off arm, at least 50cm apart from
the pole.

Use the high quality 50Ohm low loss cable like H155
and within 10m of length maximum. Don't use the
satellite cable as being 75Ohm neither RG58 which is
not suitable for this frequency and have high losses.
Don't use any SO239-PL259 as pigtails for this high
frequency.

If you have installation problems or questions please
don't hesitate to contact us.

Technical parameters:

Length 45cm antenna,57 cm with holder

Width 22cm

Gain 5Dbd

Weight 0,44kg

pole diameter up to 50mm,min 25mm

connector N female

power handling 100W

swr 1.1:1 or better center FRQ

BW AT LEAST +-15MHZ OFF CENTER

radiation pattern H plane 360 degrees

radiation pattern E plane 40 degrees

radome material:Black fiberglass

