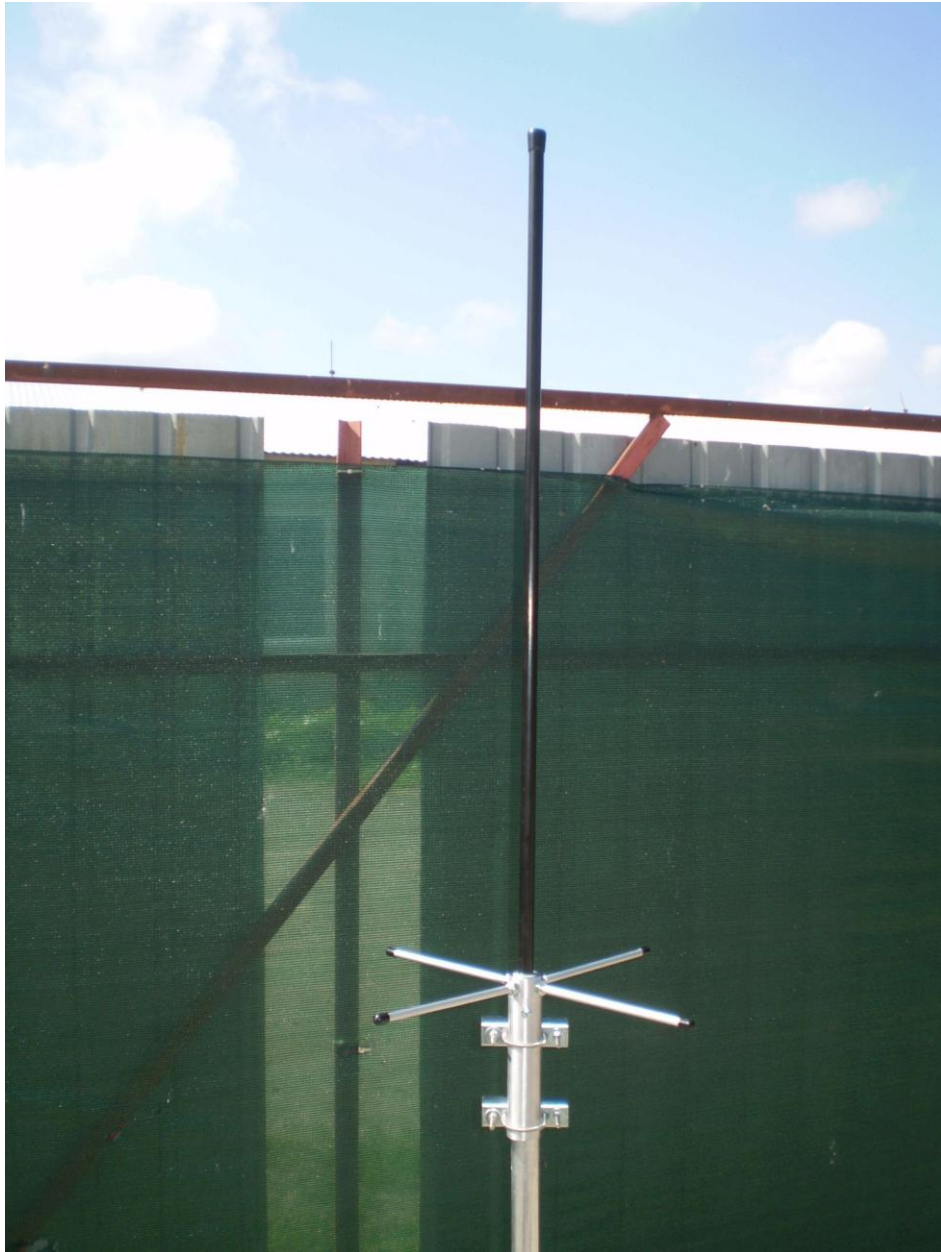


VINNANT-ANTENA FOR HELIUM MINING
COLLINEAR, TYPE COL868/7.5-P, N CONNECTOR



This bidding is for collinear antenna 868MHZ

VINNANT COL868/7.5-P

professional series

holder type 2XZ3

tuned for 868Mhz

awesome gain of 7.5dBd/9DBI/

It is using low loss N FEMALE connector IN BASE

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 118cm antenna, 134 cm with holder

Width 25cm

Gain 7.5Dbd/9DBI/

Weight 1.2KG

pole diameter up to 50mm, min 25mm

connector N female

power handling 100W

swr 1.2:1 or better at 868 Mhz

IMPEDANCE 50OHM

BANDWIDTH 10MHZ WITH SWR 1.5

radiation pattern H plane 360 degrees

radiation pattern E plane 16 degrees

radome material: Black fiberglass