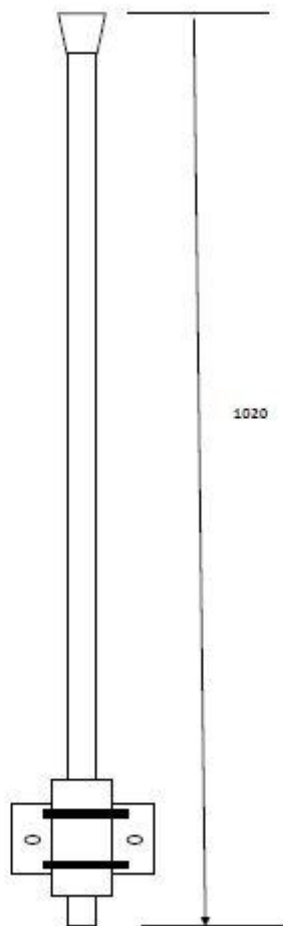


VINNANT-ANTENA FOR ADS-B OPERATIONS  
COLLINEAR, TYPE CC1090/8-P, N CONNECTOR



VINNANT CC1090/8-P

PROFESSIONAL "P" series

holder type Z5

COLLINEAR SKIRTED PHASED DIPOLE

tuned for 1090Mhz

awesome gain of 8Dbd/10.14 Dbi

ANTENNA IS GREAT FOR OFF SITE MOUNTING  
ANTENNA IS MADE VERY RUGGED INCLUDING TOP  
CAP WHICH IS MADE FROM THICK NYLON  
PLASTIC.ANTENNA CAN PICK UP LOW FLYING  
AICRAFTS AS WELL AS DISTANT ONES,ALMOST NO  
DONUT EFFECT.

DC GROUNDED,CONNECTOR SHOW  
SHORT WHEN MEASURING,GREAT  
STATIC PROTECTION AND LESS INTERFERENCE  
FROM GSM NETWORKS

ANTENNA IS using low loss N FEMALE connector

housed in BLACK FIBERGLASS radome UV stable

antenna is designed for HIGH wind loading

IDEAL FOR OFF SITE MOUNTING

**The installation notice:**

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  
FOREMENTIONED 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 102cm antenna

Gain 8DBI/10.14 Dbi

Weight 0,44kg

pole diameter up to 50mm, min 20mm

connector N female

TUNED AT 1090MHZ

swr LESS THAN 1.5@ 1090 Mhz

TYPICALLY 1.2

BANDWIDTH 5MHZ

IMPEDANCE 50OHM

radiation pattern H plane 360 degrees

radiation pattern E plane 25 degrees

radome material:FIBERGLASS

SURVIVAL WIND RATE: 200KM/h