

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



VINNANT CC1090/8-S

semiprofessional "S" series

holder type Z5

COLLINEAR SKIRTED DIPOLE

tuned for 1090Mhz

awesome gain of 8Dbd/10Dbi
DC GROUNDED,CONNECTOR SHOW
SHORT WHEN MEASURING,GREAT
STATIC PROTECTION AND LESS INTERFERENCE
FROM GSM NETWORKS

ANTENNA using low loss N FEMALE connector

housed in WHITE PVC-U radome UV stable
antenna is designed for LOW TO MEDIUM wind loading

Can be used for receiving aircraft transponder on
1090mhz ADS-b signal

using cheap usb dongle,or professional box

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 lenght 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 OVERALL

Gain 8Dbd/10DBI

Weight 0,44kg

pole diameter up to 45mm,min 25mm

connector N female

RX ONLY

swr 1.5:1 or better at 1090 Mhz

TYPICALLY 1.2-1.1 @ 1090MHZ

radiation pattern H plane 360 degrees

radiation pattern E plane 20 degrees

radome material:WHITE PVC-U