

VINNANT-ANTENA FOR ADS-B OPERATIONS
5/8, TYPE FE1090-P N CONNECTOR



TYPE: VINNANT FE1090-P

Antenna omni-directional 360 DEGREES ,very rugged construction ,mounting secured by strong AL holder with 2x M5 stainless steel bolt. Pole diameter up to 55mm. Antenna radome material is black fiberglass.

Antenna is suitable for off limits installations with range of weather.

antenna is small and durable,DC ground for static protection

3 very robust radials

Can be used for receiving:

aircraft transponder on 1090mhz
ADS-b signal
for flight box ,flightradar

This antenna is using N connector

This antenna is 5/8 type, is the best antenna of ground planes ensuring good coverage, is better than j-pole or 1/2 and slightly increase coverage .

Antenna is completely enclosed in watertight radome tube.

Radials are secured in body of antenna using tread

Professionally tuned using antenna analyzer

Connector is nicely embedded in body of antenna

so no moisture can penetrate inside antenna and ruin it.

Stainless screw and M5 bolt for weather protection.

Assembly needed upon use, 3 radials need to be screwed inside body of antenna hand tight, and counter secure the small nuts, to prevent the wind from loosening the connection.

To gain access to connector antenna need to be dismantled by getting out one stainless screw out, antenna will come apart

connect connector and reassemble.

TECHNICAL SPECIFICATIONS:

Height 30cm

Weight 0,3kg

Connector N

SWR 1.3:1 or better

Radiation H plane 360

Radiation E plane 80
DC grounded for static protection
no static buildup
connector shows short when measuring inner/outer
part
Omni- directional 360
impedance 50 Ohm
Temperature range -30 - +70 C

Gain 2.9 Dbd.

Great coverage when placed high