

VINNANT-ANTENA FOR IoT / ISM 868MHZ OPERATIONS
COLLINEAR, TYPE CC868/10-P, N CONNECTOR



VINNANT CC868/10-P

PROFESSIONAL "P" series

holder type Z5

COLLINEAR SKIRTED PHASED DIPOLE

tuned for 868Mhz

awesome gain of 10Dbd/12 Dbi

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 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 165cm antenna WITH HOLDER

Gain 10DBD/12 Dbi

Weight 0,64kg

pole diameter up to 50mm,min 20mm

connector N female

TUNED AT 868MHZ

swr LESS THAN 1.3@ 868 Mhz

TYPICALLY 1.2

BANDWIDTH 5MHZ

IMPEDANCE 50OHM

radiation pattern H plane 360 degrees

radiation pattern E plane 16 degrees

radome material:BLACK FIBERGLASS

SURVIVAL WIND RATE: 150KM/h