

VINNANT-ANTENA FOR WEATHER BALOON
OPERATIONS

5/8, TYPE FE403-S N CONNECTOR



This MANUAL is for 5/8 antenna 403mhz / 2.9Dbd gain

WEATHER BALOON BAND

TYPE :FE403-S

USABLE FROM 400-406MHZ

To be used for:

WEATHER BALOON RECEPTION

OTHER 400-406 UHF

SCANNING PURPOSES ON UHF 400-470MHZ

antenna is designed for RX and TX as well

POWER HANDLING 100W AT 403MHZ

ANTENNA is using low loss N connector

Base accepting any kinds of N connectors

housed in POLYCARBONATE radome UV stable

3 full AL massive radials

antenna is tuned using professional antenna analyzer

Technical parameters:

Length 60cm antenna, 70 cm with holder

Width 16cm

Gain 2.9Dbd

Weight 0,40kg

pole diameter up to 55mm

connector N female

swr 1.2:1 or better at 403 Mhz

usable from 400-406 Mhz WITH SWR OF 1.5 OR

BETTER

FULL STATIC PROTECTION

Antenna impedance 50 Ohm

ANTENNA SHOW DC SHORT WHEN MEASURED

radome material: Polycarbonate