

VHF ANTENNA

135 – 175 MHz

ANT331

VHF OMNI ANTENNA (OUTDOOR)



This omnidirectional base station antenna is dedicated to VHF band.

The fiberglass protection radome and the anodized aluminum parts guarantee robustness and long life.

It can be used on a mast using the fixing brackets.

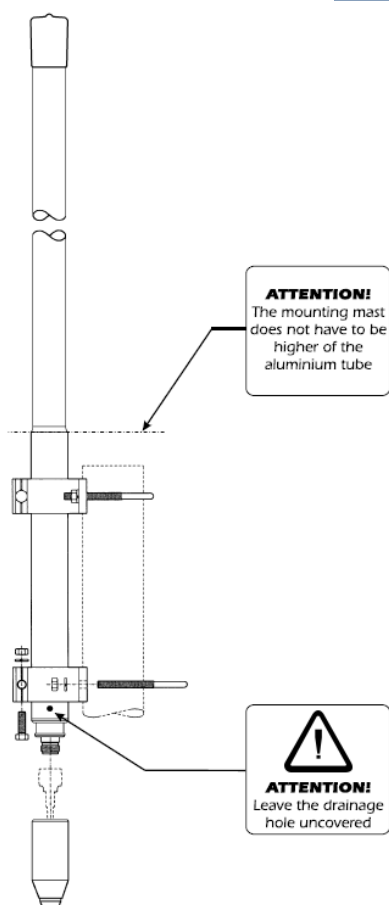
It offers excellent performances with a gain of up to 5dBi.

CHARACTERISTICS

Electrical	
Type	Collinear
Frequencies	• 135 – 175 MHz VHF BAND
Impedance	50Ω
Polarization	Vertical
Diameter	28,6 mm
Gain	• Up to 5dBi
Power Max.	100 W
Cable	Low Loss up to 30m (with specific cables)

Mechanical	
Material	Anodized aluminum
Temperature	-40°C up to +80°C
Mounting	Mast
Fixation	Fixing brackets
Connector	N-female with rubber protection cap

INSTALLATION



Fixing bracket:



Mechanical Data

Materials	White fiberglass radome Ø 28.6 mm, anodized 6063-T5 aluminium, brass, stainless steel, copper, expanded poliester disc, EPDM rubber.			
Wind Load at 150 km/h	104 N	98 N	98 N	93 N
Wind Resistance	160 Km/h			
Wind Surface	0.089 m ²	0.083 m ²	0.083 m ²	0.078 m ²
Operatin temperature	-40°C to + 80°C			
Height (approx.)	2940 mm	2740 mm	2740 mm	2590 mm
Weight (approx.)	2160 gr	2045 gr	2000 gr	1950 gr
Mounting Mast	Side mast with "V" bolt, Ø 35-54 mm			