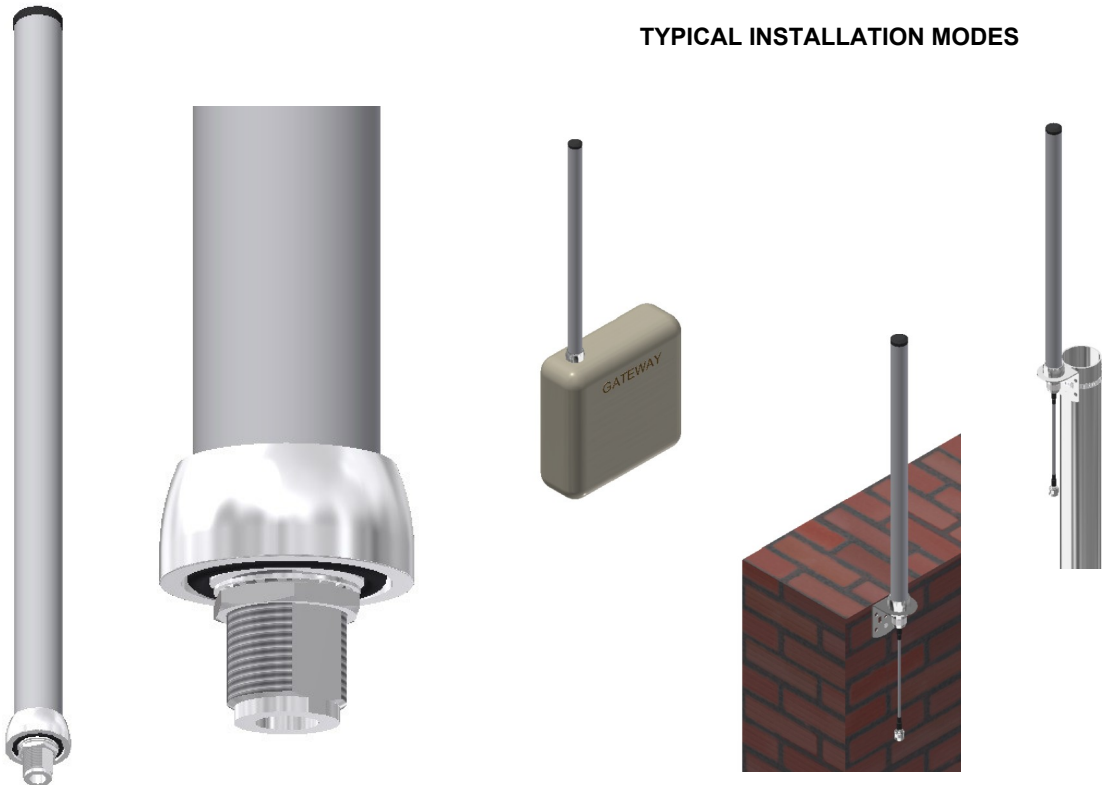
	DESCRIPTION	
	868 MHz colinear antenna suitable for applications is LoRa, LoRaWAN, Sigfox, ISM	

ELECTRICAL DATA

Frequency range (with V.S.W.R. <2 : 1)	850-925 MHz
Impedance:	50 Ω
V.S.W.R.:	2.0 : 1
Max Power:	5 W
Polarisation:	Linear
Radiation:	Omnidirectional
Gain:	about 5 dBi
Beamwidth (-3dB E-Plane)	39°
Beamwidth (-3dB H-Plane)	360°

MECHANICAL DATA

Dimensions (approx.):	Ø25x450 mm (base Ø33mm)
Connection:	N socket N plug optional, on request
Cable:	optional, on request
Operating temperature range:	-30° / +80°C
Weight (approximate):	0.3 kg
Radiating element material:	Copper
Radome material:	Glass fiber Ø25 mm
Mounting thickness for N-socket version:	up to 3.5 mm
Optional accessories:	Mounting brackets fro pole/wll mounting.



TYPICAL INSTALLATION MODES

Protection against oxydation: The antenna is designed to withstand the worst climatic conditions and so that the oxydation of its parts is prevented, with its components being made of raw materials resistant to external environmental agents.

Protection against accidental hits: The antenna is designed so that persons are protected from accidental hits against its projecting parts.

RoHS Directive: The antenna complies with the RoHS Directive and its susequent.

MOUNTING INSTRUCTIONS:


N-socket connection

Please mount the antenna on bracket or support with a Ø16mm hole and max thickness of 3.5mm.

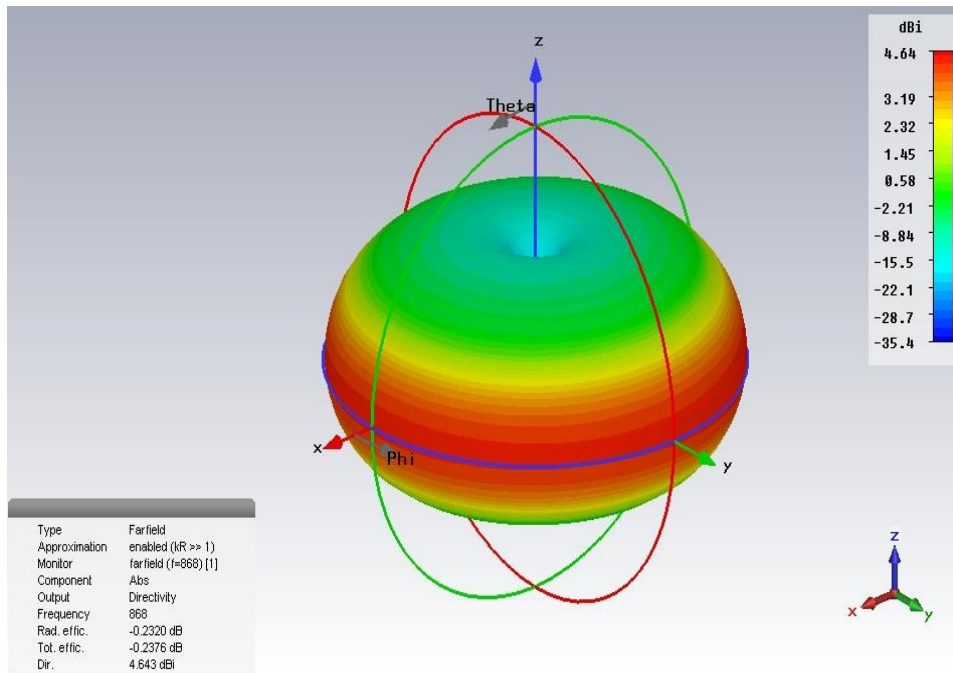
The antenna is provided of sealing gasket for IP67 protection

N-plug connection

Please screw rhe antenna onto the N-socket connector.

	DESCRIPTION	
	868 MHz colinear antenna suitable for applications in LoRa, LoRaWAN, Sigfox, ISM	

Radiating pattern

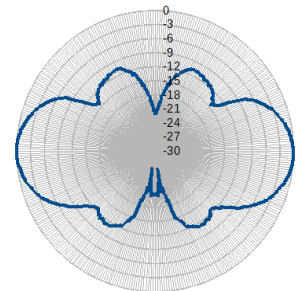
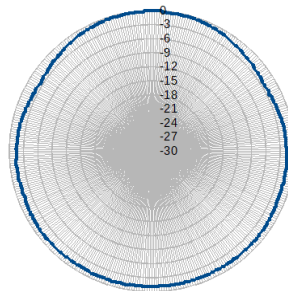
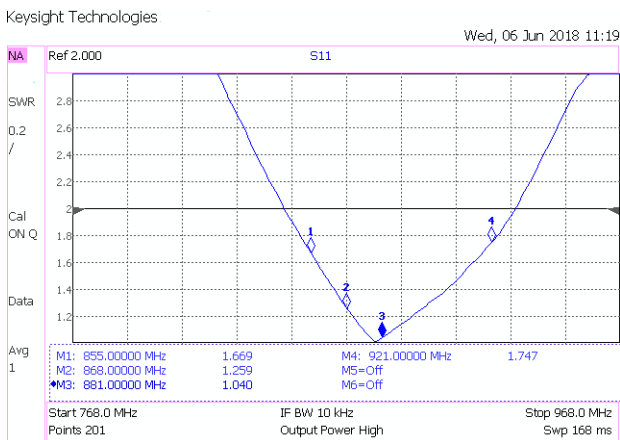



Radiating patterns

VSWR
(Ora-5-868 MHz)

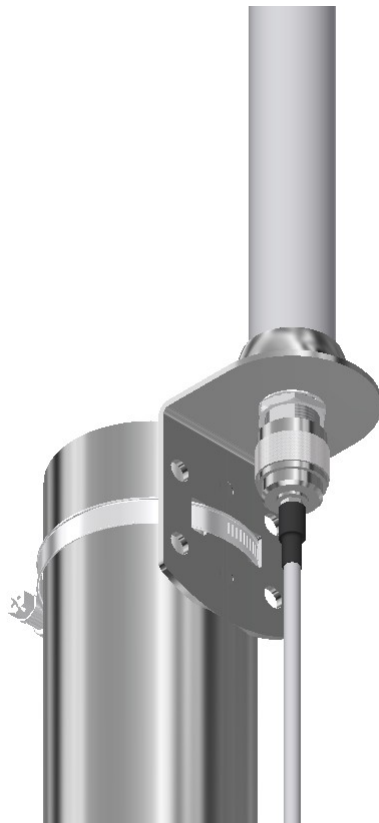
H-Plane

E-Plane

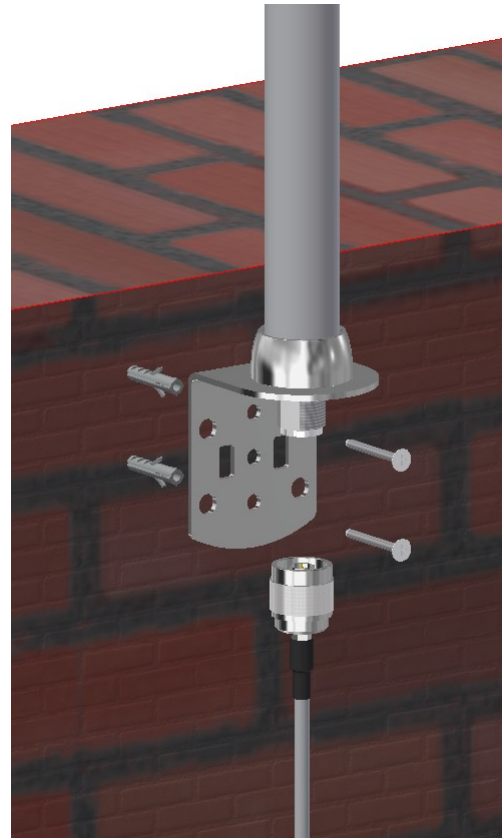


	DESCRIPTION	
	868 MHz colinear antenna suitable for applications is LoRa, LoRaWAN, Sigfox, ISM	

MOUNTING ON POLE Ø30-200mm



MOUNTING ON WALL




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