

LTE903NB

3 dBd IoT Fibreglass Antenna (860-930 MHz)

- Especially made for LPWAN applications
- Supports 868 and 915 MHz
- ISM, LoRa, Sigfox and M-Bus
- End-fed $1/2 \lambda$ coaxial dipole antenna design
- Full omni-directional radiation pattern
- No groundplane needed

ELECTRICAL SPECIFICATIONS

Frequency	860 - 930 MHz
Bandwidth	70 MHz
Impedance	50 ohm
Vswr	<1.5:1
Polarisation	Vertical
Gain	3 dBd, 5.1 dBi
Max. Input Power	200 W
Antistatic Protection	Direct Ground



Datasheet

2 / 3

MECHANICAL SPECIFICATIONS

Color	White and chrome
Height	1000 mm
Weight	Approx. 450 g
Mounting	On 1" threaded pole (G1"-11 thread) with Revolving Nut Kit or on optionally brackets
Mounting Place	On mast or deck
Materials	PU-painted glassfibre, copper, PTFE, PE and chromed brass
Survival Wind Speed	55 m/s (125 mph)
Operating Temperature	-55C to +70C (IEC 60068-2-1, IEC 60068-2-2)
Connector	N-female
Cable	No cable supplied
Ingress Protection	IP66
Vibration	IEC 60068-2-6, IEC 60068-2-64
Serial no.	On product label

ORDERING INFORMATION

P/N	24309-002 (Antenna only - in Carton tube)
P/N	If 1" Revolving Nut Kit is needed together with antenna: Change above listed P/N to xxxxx-432 for kit in Carton tube

PACKAGING INFORMATION

Type	Bulk packing or individually packing in Polybag or Carton tube (See "ORDERING INFORMATION")
size	1.2 m
weight	0.7 kg

