

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 |



MECHANICAL SPECIFICATIONS

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|-----------------------|--|
| 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

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|-----|--|
| 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

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

