

# LTE905NB

## 5 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                  | 5 dBd, 7.15 dBi |
| Max. Input Power      | 200 W           |
| Antistatic Protection | Direct Ground   |



MECHANICAL SPECIFICATIONS

|                       |                                                                                      |
|-----------------------|--------------------------------------------------------------------------------------|
| Color                 | White and chrome                                                                     |
| Height                | 1340 mm                                                                              |
| Weight                | 550 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

|           |                                                 |
|-----------|-------------------------------------------------|
| 24509-002 | Antenna only - in Carton tube                   |
| 24509-432 | Antenna and 1" Revolving Nut kit in Carton tube |

PACKAGING INFORMATION

|        |                                                                                             |
|--------|---------------------------------------------------------------------------------------------|
| Type   | Bulk packing or individually packing in Polybag or Carton tube (See "ORDERING INFORMATION") |
| size   | Approx 1.5 m                                                                                |
| weight | 0,6-0,8 kg                                                                                  |

## Datasheet

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