

# Nord Technology

*Reseller of Teltonika hardware in Denmark*

## NORD TECHNOLOGY CONTACT INFORMATION

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## COMBO SISO MOBILE/GNSS/WIFI ROOF SMA ANTENNA



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## TECHNICAL DATA

### WIFI ANTENNA

|                   |                    |
|-------------------|--------------------|
| Frequency range   | 2350 - 2500 MHz    |
| Polarization      | Linear             |
| Radiation pattern | Omni - Directional |
| Gain              | 2.5 dBi            |
| V.S.W.R           | 1.5 : 1            |
| Impedance         | 50 $\Omega$        |
| Connector         | RP SMA Male        |

### GNSS ANTENNA

|                     |                         |
|---------------------|-------------------------|
| Frequency range     | 1575 - 1610 MHz         |
| Polarization        | RHCP                    |
| V.S.W.R             | 1.5 : 1                 |
| Impedance           | 50 $\Omega$             |
| LNA Gain            | 28 dBi                  |
| LNA Noise figure    | 1.5 dB                  |
| Supply voltage      | 2.7 - 5.0 $\pm$ 0.5 VDC |
| Current consumption | < 15 mA                 |
| Connector type      | SMA Male                |

### LTE ANTENNA

|                   |                             |
|-------------------|-----------------------------|
| Frequency range   | 617 - 960 / 1710 - 2690 MHz |
| Polarization      | Linear                      |
| Radiation pattern | Omni - Directional          |
| Gain              | 3.5 dBi                     |
| V.S.W.R           | 1.5 : 1                     |
| Impedance         | 50 $\Omega$                 |
| Connector         | SMA Male                    |

### MECHANICAL/ENVIRONMENTAL

|                                  |                              |
|----------------------------------|------------------------------|
| Mounting method                  | Screw                        |
| Radome ingress protection rating | IP67                         |
| Radome material                  | ABS                          |
| Weight                           | 215 g                        |
| Housing dimensions               | $\varnothing$ 80.5 x 15.2 mm |
| Cable                            | 3 x RG174, 3000 mm           |
| Operating temperature            | -40 ~ +85 $^{\circ}$ C       |
| UV resistance                    | ✓                            |
| RoHS Compliant                   | ✓                            |

