

# COMBO MIMO MOBILE/GNSS/WIFI ROOF SMA ANTENNA



## GNSS ANTENNA

|                     |                  |
|---------------------|------------------|
| Frequency Range     | 1575.42-1610 MHz |
| Polarization        | RHCP             |
| Impedance           | 50 $\Omega$      |
| LNA Gain            | 28 $\pm$ 2 dB    |
| LNA Noise Figure    | <1.5 dB          |
| Supply Voltage      | 3-5 VDC          |
| Current Consumption | <15 mA           |
| LNA V.S.W.R         | <2.0             |
| Connector           | SMA Male         |

## MECHANICAL/ENVIRONMENTAL

|                                  |                         |
|----------------------------------|-------------------------|
| Mounting Method                  | Screw                   |
| Radome Ingress Protection rating | IP65                    |
| Radome Material                  | ABS                     |
| Weight                           | <550g                   |
| Housing Dimensions               | $\varnothing$ 110x55 mm |
| Cable                            | 5x RG174, 3000 mm       |
| RoHS Compliant                   | v                       |

## LTE MIMO ANTENNA

|                 |                       |
|-----------------|-----------------------|
| Frequency Range | 698-960/1710-2690 MHz |
| Polarization    | Linear                |
| Gain            | 3 dBi                 |
| V.S.W.R         | <3.0                  |
| Impedance       | 50 $\Omega$           |
| Connector       | 2x SMA Male           |

## WIFI MIMO ANTENNA

|                 |                           |
|-----------------|---------------------------|
| Frequency Range | 2400-2483.5/4900-5825 MHz |
| Polarization    | Linear                    |
| Gain            | 2 dBi                     |
| V.S.W.R         | <2.5                      |
| Impedance       | 50 $\Omega$               |
| Connector       | 2x RP SMA Male            |

