

# 7402461 LAD MIMO DP

| Electrical specifications |                  |         |           |           |
|---------------------------|------------------|---------|-----------|-----------|
| Frequency range (MHz)     | 698-806          | 806-960 | 1710-2700 | 3300-3800 |
| Polarization              | ±45°             |         |           |           |
| Gain(dBi)                 | 4±1              | 4±1     | 5±1       | 6±1       |
| Horizontal beam width(°)  | 110±5            | 110±5   | 85±5      | 60±5      |
| Vertical beam width(°)    | 130±5            | 130±5   | 50±5      | 40±5      |
| Isolation(dB)             | ≥18              | ≥18     | ≥20       | ≥20       |
| Front-to-back Ratio(dB)   | ≥8               | ≥8      | ≥10       | ≥10       |
| VSWR                      | ≤1.8             | ≤1.5    | ≤1.5      | ≤1.5      |
| Intermodulation IM3       | ≤-153dBc@2*43dBm |         |           |           |
| Impedance(Ω)              | 50               |         |           |           |
| Maximum input power(W)    | 50               |         |           |           |
| Lightning protection      | DC-Ground        |         |           |           |

| Mechanical Specifications |                 |
|---------------------------|-----------------|
| Connector                 | 2*4.3/10-Female |
| Connector position        | With cable      |
| Size(mm)                  | 207*177*45      |
| Antenna weight(kg)        | 0.45            |
| Wind loading area(m²)     | ≤0.2            |
| Rated wind velocity(m/s)  | ≤36.9           |
| Reflector material        | Aluminum        |
| Radome material           | ABS             |
| Radome color              | White           |
| Operating temperature(°C) | -40~55          |

