

# 7402460 LAD DP

| Electrical specifications |                  |         |           |           |
|---------------------------|------------------|---------|-----------|-----------|
| Frequency range (MHz)     | 698-806          | 806-960 | 1710-2700 | 3300-3800 |
| Polarization              | Vertical         |         |           |           |
| Gain(dBi)                 | 4±1              | 4±1     | 5±1       | 6±1       |
| Horizontal beam width(°)  | 100±10           | 100±10  | 80±15     | 80±15     |
| Vertical beam width(°)    | 90±20            | 90±20   | 60±15     | 60±15     |
| Isolation(dB)             | ≥18              | ≥18     | ≥20       | ≥20       |
| Front-to-back Ratio(dB)   | ≥8               | ≥8      | ≥10       | ≥10       |
| VSWR                      | ≤1.8             | ≤1.5    | ≤1.8      | ≤1.8      |
| Intermodulation IM3       | ≤-153dBc@2*43dBm |         |           |           |
| Impedance(Ω)              | 50               |         |           |           |
| Maximum input power(W)    | 50               |         |           |           |
| Lightning protection      | DC-Ground        |         |           |           |

| Mechanical Specifications |               |
|---------------------------|---------------|
| Connector                 | 4.3/10-Female |
| Connector position        | With cable    |
| Size(mm)                  | 165*155*48    |
| Antenna weight(kg)        | 0.37          |
| Wind loading area(m²)     | ≤0.2          |
| Rated wind velocity(m/s)  | ≤36.9         |
| Reflector material        | Aluminum      |
| Radome material           | ABS           |
| Radome color              | White         |
| Operating temperature(℃)  | -40~55        |

