

**Electrical Specifications**

|  |          |  |
|--|----------|--|
| Frequency Range                                | MHz      | 698-960/1710-2700<br>3300-3600/4800-5000 |
| VSWR   |          | <2.5                                     |
| Input Impedance                                | $\Omega$ | 50                                       |
| Gain   | dBi      | 10-11                                    |
| Polarization                                   |          | Vertical or Horizontal                   |
| Horizontal Beam Width (half-power) ( $\circ$ ) |          | 60 $\pm$ 8/55 $\pm$ 8                    |
| Vertical Beam Width (half-power) ( $\circ$ )   |          | 50 $\pm$ 5/45 $\pm$ 5                    |
| Front to Back Ratio                            | dB       | $\geq$ 21                                |
| Max.Power                                      | W        | 100                                      |
| Connector Type                                 |          | Sma-male                                 |
| Lightning Protection                           |          | DC ground                                |

**Mechanical Specifications**

|                           |              |                      |
|---------------------------|--------------|----------------------|
| Dimension                 | mm           | 445x210x70           |
| Weight                    | kg           | 1.15                 |
| Rated Wind Velocity       | km/h         | 150                  |
| Radome material           |              | Aluminum ABS         |
| Cable                     | m            | 7                    |
| Diameter of Mounting Pole | mm           | $\phi$ 30- $\phi$ 53 |
| Working Temperature       | $^{\circ}$ C | -40~+60              |

Antenna connection:

