



#### GENERAL

|                |                            |
|----------------|----------------------------|
| Application    | For Indoor & Outdoor usage |
| Antenna Type   | Directional                |
| Mount Included | Ø40-50mm pole mount        |

#### ELECTRICAL

|                              |                |                      |
|------------------------------|----------------|----------------------|
| Frequency Range (MHz)        | 698-960        | 1710-3800            |
| Band                         | 8/20/28L/28U   | 1/3/7/40/n48/n77/n78 |
| Max Gain (dBi)               | 10             | 12                   |
| Horizontal Beamwidth         | 65°            | 50°                  |
| Vertical Beamwidth           | 50°            | 40°                  |
| VSWR                         | ≤2.0           | ≤2.0                 |
| Polarization                 | Vertical       |                      |
| Antenna Array Characteristic | SISO           |                      |
| Front to Back Ratio          | ≥ 15 dB        | ≥ 18 dB              |
| Input Impedance              | 50Ω            |                      |
| Input Power Max              | 50W (46.99dBm) |                      |

#### MECHANICAL

|                         |                           |
|-------------------------|---------------------------|
| RF Connector Interface  | SMA-Male                  |
| Cable                   | 7m Black LMR240           |
| Radome Color / Material | White / ABS, UV resistant |
| Dimension (mm)          | 450 x 210 x 65mm          |
| Weight                  | 1.2 kg                    |

#### ENVIROMENTAL

|                       |                  |
|-----------------------|------------------|
| Operating Temperature | -40 °C to +55 °C |
| IP Rating             | IP67             |
| Relative Humidity     | Up to 95 %       |
| RoHS                  | Compliant        |

#### RADIATION PATTERN

