

800MHz ULTRA F-B Panel Antenna

824 ~ 894 MHz / 11 dBi

CELL-FBS-11

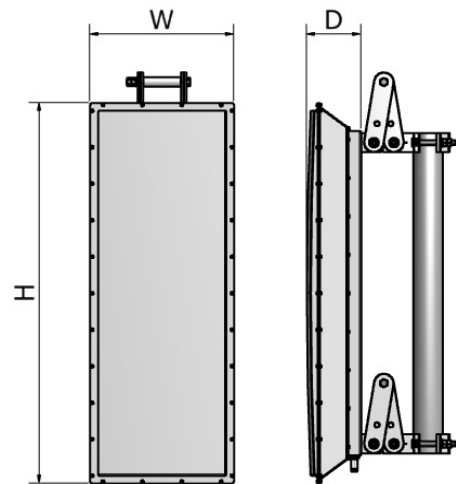
i. Electrical Specification

| | | |
|---------------------|---------------|----------------------|
| Frequency Range | 824 ~ 894 MHz | |
| Polarization | Vertical | |
| Band Width | 70 MHz | |
| Gain | ≥ 11 dBi | |
| Beam width | Horizontal | 65° ± 5° |
| | Vertical | 30° ± 5° |
| F-B ratio | Horizontal | ≥ 30 dB (@180 ± 30°) |
| | Vertical | ≥ 30 dB (@180 ± 90°) |
| Sidelobe | ≥ 20 dB | |
| VSWR | 1 : 1.5 | |
| Impedance | 50 Ω | |
| Maximum input power | 50 W | |

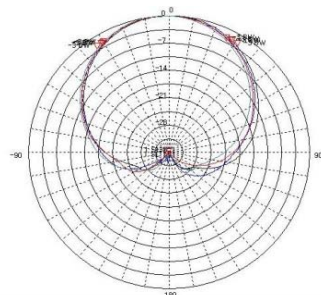


ii. Mechanical Specification

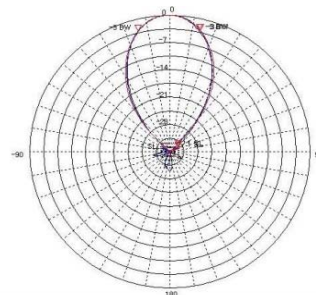
| | |
|--------------------------------|--------------------|
| Radom Dimension (H x W x D) | 990 x 365 x 140 mm |
| Weight (Include bracket) | ≤ 8 kg |
| Connector Type | N-Female x 1 |
| Withstand Wind Pressure | 80 m/sec |
| Radome Material | FRP |
| Radome Color | Gray |
| Mechanical Down Tilt | 20° |
| Temperature | -40 °C ~ 70 °C |
| Packing Size (H x W x D) SET | - |
| Packing Weight SET | - |



iii. Radiation Pattern



Horizontal Pattern



Vertical Pattern